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A Study of Exhaust Emissions from 1978-1980 Model Year Three Way Catalyst Vehicles in Los Angeles

Automotive Environmental Systems, Inc.
Westminster, CA

Prepared for

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This report presents and summarizes exhaust emission data and other information obtained as a result of the testing and inspection of 350 in-use passenger cars. The test fleet was made up of 1978, 1979 and 1980 automobiles manufactured by Ford, General Motors, Mazda, Saab, Toyota, Volkswagen/Audi and Volvo. Each vehicle was equipped with a three way catalyst control system. They were obtained randomly from private owners in the Los Angeles and Orange County areas. The testing was completed December, 1979.

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SECTION 1

INTRODUCTION

The U.S. Environmental Protection Agency (EPA), through authority provided by the Clean Air Act, is responsible for the control and prevention of air pollution. As provided by the Act, one of the charges of the EPA is the design, conduct and promotion of surveys and studies of the sources of air pollution. The Emission Control Technology Division (ECTD) of the EPA develops, implements and administers a national program to characterize, quantify and reduce the air pollution caused by mobile sources. Included in the division's responsibilities are obtaining emission data from in-use vehicles and developing and evaluating alternatives for the control of vehicle emissions. These in-use vehicle data are utilized by the EPA in calculating and projecting motor vehicle emissions from light-duty vehicles. The emission factors generated by this process are used in developing transportation control procedures and contingency programs to cover emergency situations. Outside the EPA, these factors and the emission control alternatives are used by various state and local agencies in their air pollution control programs. In carrying out its responsibilities, the EPA regularly conducts in-use vehicle emission factors programs and emission control alternative studies. In order to support the states in their efforts to implement their air quality programs, the Emission Control Technology Division will use the data generated by this project to assess the effectiveness of new technology vehicle exhaust emissions systems in Los Angeles.

This report describes a program conducted by Automotive Environmental Systems, Inc. (AESi) in the Los Angeles area to determine exhaust levels of new technology vehicles utilizing 3-way catalyst systems to reduce tail pipe emissions. The actual vehicle testing was conducted between July 1979 and December 1979.

Section 2 of this report describes the objectives, design, and conduct of the program. Section 3 presents summary results. Detailed listings of data are presented in the Appendices by vehicle number. Data packets and punched computer cards, with EPA-defined data formats, were submitted to the Project Officer.

SECTION 2

TECHNICAL DISCUSSION

2.1 PROGRAM OBJECTIVES

The objective of this project was to gather various information on 350 late model automobiles equipped with 3-way catalyst control systems. This information included exhaust emissions levels and the results of an underhood inspection.

2.2 PROGRAM DESIGN

Each vehicle received the Federal Test Procedure (FTP) test, the Highway Fuel Economy test (HFET), the Two-Speed Idle test, the Federal Three Mode test, and the Loaded Two Mode test.

The emphasis of this project was in the gathering of exhaust emissions information on 3-way catalyst equipped vehicles due to their projected rapid increase in population. The test fleet was made up of 350 1978-1980 model year vehicles.

2.3 TEST VEHICLE PROCUREMENT

A list of vehicle makes and engine families certified for sale in California and equipped with 3-way catalytic converter systems was provided by EPA. General guidelines were provided as to the quantities desired from each of these engine families. Due to the low population of many of these engine families, some of these families were not available for testing.

In an effort to avoid biasing the sample, the number of vehicles procured from members of commercial, civic, fraternal, or religious organizations was limited to fifty percent of the vehicles from any one model year. The use of rental, leased or fleet vehicles was limited to twenty percent of the vehicles tested. Groups of vehicles were not obtained from organizations which are automobile-oriented.

Figure 1 presents a flow chart of the vehicle procurement activity.

2.3.1 Test Vehicle Selection

Test vehicles were selected based on guidelines provided by the EPA Project Officer. Heavy emphasis was placed on 1980 General Motors

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X-body cars and 1979 Ford Motor Company cars with EEC II systems since these types of vehicles represent the expected high populations of the "New Technology" emissions control systems.

Test vehicles were solicited using various means. Vehicle registration lists were purchased from a market information service company from which mailings were prepared. Vehicles were also solicited using news releases in local papers, and paid advertisements in newspapers and flyers.

2.3.2 Incentives for Participation

The owner of a suitable test vehicle was provided the following incentives for his participation:

A $100 U.S. Savings Bond. Bonds were mailed to participants within one month following the test on their vehicle.

The use of a late-model, fully insured loaner automobile during the time their vehicle was undergoing testing.

The owner's automobile was returned with a full tank of fuel.

2.3.3 Test Vehicle Handling

In most cases, the vehicle was scheduled to be delivered to AESi in Westminster by appointment. In some cases, vehicles were picked up and/or delivered at a participant's home or place of business. An inspection was performed to ensure proper vehicle match and to establish the physical condition of the vehicle. A loan vehicle exchange agreement, the savings bond application and the Vehicle Owner Use Questionnaire were also completed at this time. Once the vehicle is accepted into the program it then followed the sequence illustrated in Figure 2.

2.4 FACILITIES AND EQUIPMENT

2.4.1 Test Location

All tests were performed at AESi's test facility at 7300 Bolsa Avenue in Westminster, California. The facility is located approximately 25 miles south of downtown Los Angeles at an elevation of 45 feet above sea level.

The test facility environment, including testing and vehicle soak areas, was maintained within the requirements of contract. A permanent record was maintained for the ambient temperature in the soak and test areas for all phases of testing. The vehicle soak area is inside the same building as is the test area and is free from precipitation.

2.4.2 Constant Volume Sampler

A positive displacement pump type constant volume sampler (CVS) built by AESi was used in this program. This CVS meets or exceeds all specifications defined in the Federal Register, Volume 40, No. 126, June 30, 1975 (40 FR 126). The system contains six bags switched by computer in sample/background pairs for all dilute exhaust sample testing.

All plumbing in the sampling, analytical and calibration systems is either stainless steel or teflon. This includes sample lines, calibration and zero gas lines and the valves and regulators for NO gases. Leak-tight stainless steel convoluted tubing is used between the CVS and the vehicle tail pipe for exhaust gas sampling. An appropriate leak-tight boot was used to connect the tail pipe to the convoluted tubing. A stainless steel heat exchanger with a temperature controlled cold water inlet was used to provide essentially a constant exhaust gas temperature throughout the entire test.

The sample and dilution air bags are made of Dupont Tedlar material. The sample and background bags are of a volume compatible with the CVS unit (i.e., no pressure build up in the bag when filling with sample or background gas).

2.4.3 Emission Analysis Console

An AESi exhaust gas analytical system meeting or exceeding the specifications of 40 FR 126, was used for dilute gas measurements. Similar laboratory type instrumentation, with additional ranges, was used for analysis of raw NO gas. In addition, a Chrysler Model III garage-type analyzer was used for measurement of raw HC and CO. The console contains the following instrument types and ranges:

Analyzer	Ranges
Bendix Model 8501-5C NDIR (CO) (Dilute Exhaust)	0-100, 0-500 ppm (11¼" Cell Length)
Beckman 315B NDIR (CO) (Dilute Exhaust)	0-.3% (5¼" Cell Length) 0-3%, 0-5% (1/8" Cell Length)
Beckman 315B NDIR (CO_2) (Dilute Exhaust)	0-2.5%, 0-4% (1/8" Cell Length)
Two Teco 10A Chemiluminescent (NOx) (1 Dilute Exhaust) (NO) (1 Raw Exhaust)	0-100, 0-250, 0-1,000, 0-2,500 ppm 0-250,0-1,000, 0-2,500 0-4,000 ppm

Two Beckman 400 FIDs (HC) (Dilute Exhaust)	0-50, 0-100, 0-300 ppm Carbon; 0-1,000, 0-3,000 ppm Carbon
Chrysler Model III Garage	
(Raw HC)	0-300, 0-2,000 ppm Hexane Equivalent
(Raw CO)	0-.5%, 0-10%

2.4.3.1 Laboratory Standard Calibration & Working Gases

Laboratory standard calibration gases, previously approved by EPA, were used for defining instrument calibration curves and assigning concentration values for the working gases. Each cylinder of standard gas and each working gas cylinder was equipped with its own pressure regulator as specified by the contract. All gases were plumbed to a quick-disconnect panel for ease in selecting the gas desired during calibration and testing.

Calibration gases for each range of the HC and NOx analyzers were chosen such that three points were used across the curve (zero and approximately 45% and 90% of full scale concentration). CO and CO_2 calibration points were at zero and approximately 15, 30, 45, 60, 75 and 90 percent of full scale. All span gases were 80-100 percent of full scale.

The diluents used in the calibration and working gases are:

HC, ppmC	Propane in HC free air
NOx, ppm	In zero grade nitrogen
CO, mole %	In zero grade nitrogen
CO_2, mole %	In zero grade nitrogen

2.4.4 Chassis Dynamometer

The chassis dynamometer was equipped to simulate vehicle inertia and road load horsepower as required in 40 FR 126.

The dynamometer used is a Clayton ECE-50 with 17¼ inch roll spacing and 8 5/8 inch diameter rolls. Direct drive variable inertia loading weights were employed, with 250 pound increments from 1,750 through 3,000 pounds and 500 pound increments from 3,000 through 5,500 pounds.

A speed meter which indicates mi/hr was used to monitor the speed of the dynamometer roll. The rear dynamometer roll is equipped with a tachometer generator which provides the speed signal during testing. The meter response was linear with speed and accuracy to within ±2.0 km/hr (±1.2 mph) over the range of 0-95 km/hr (0-59 mph). The dynamometer is equipped to measure actual distance traveled for each segment of the FTP testing sequence. However, the theoretical distance for each segment was used in bag calculations.

The power absorption unit was monitored by a power meter accurate and readable to ±0.25 hp (0.187 kw) over the range of intended use.

2.4.5 Data Acquisition System

Data were obtained from the analyzers, CVS and dynamometer via an AESi Data Acquisition Control Computer (DACC). The Data General NOVA computer was also used for generation of the driver traces for the various schedules, for sample bag management and for calculation and presentation of the emission test results. The data were printed by a Data General Dasher printer immediately following sample analysis.

The output from the analyzers was also wired to the inputs of four Hewlett-Packard Model 7130A two-pen recorders. One recorder was used for dilute HC and NOx, one for dilute CO and CO_2, one for undiluted HC and CO and one for undiluted NO.

2.4.6 Driver's Aid

A two-pen Hewlett-Packard Model 7130A Driver's Aid (speed vs time recorder) was employed to permanently record the driver's performance during the test. The driving trace was generated by the NOVA computer on this recorder in agreement with the specifications of 40 FR 126.

2.4.7 Miscellaneous Equipment

Miscellaneous equipment used in conjunction with the major items of equipment included the following:

Two Teco Model 100 NOx Generators. The generator in the raw gas analysis bench was not used sinced only NO is reported.

One Rustrak Chart Recording Psychrometer, Model 2133B with continuous recording of wet/dry bulb temperatures.

One Rustrak Chart Recorder, Model AD 101-462-2A for continuous recording of CVS temperature.

One Weathermeasure M701 continuous recording temperature recorder for soak area temperature.

One Princo Mercurial Barometer.

One Meriam 50 MC2-4SF Laminar Flow Element for CVS calibration.

One Sartorius Model 2257 Balance used for weighing the propane cylinders for propane recovery tests.

One Strobotach for dynamometer speed calibration.

Horiba GSM and MEXA 300 garage analyzers were used for inspection by the mechanic.

2.5 EQUIPMENT QUALIFICATION, CALIBRATION AND CROSSCHECK

This section describes the qualification, calibration, and crosscheck procedures utilized by AESi and verified by EPA technical personnel to ensure that valid test data were generated throughout the test program. Initial qualification included complete demonstration of individual instrument calibration, stability, response time, zero air and nitrogen purity, CVS calibration, dynamometer calibration, and inspection of all daily, weekly and monthly logs.

2.5.1 Constant Volume Sampler

The CVS was calibrated with a laminar flow element (Meriam Model 50 MC 2-45F) using the basic procedures specified in the Federal Register. CVS air flow, measured using the laminar flow element on the inlet side of the mass pump (CVS blower), was controlled by throttling. Air flow rates were measured at five incremental changes in pump differential pressure on each side of the normal operating point. Flow rates at a total of at least ten points were measured. The nominal air flow of the CVS is 345 CFM. Auxiliary devices employed in the calibration included a mercury barometer to measure absolute ambient pressure, a close tolerance mercury thermometer to measure pump inlet air temperature, a U-tube water manometer to measure pressure drop across the pump and pump inlet pressure and a close tolerance inclined water manometer to measure pressure drop across the laminar flow element. Once this calibration was completed, data from these devices were computer processed and the mid-range blower operating point was determined. Propane recovery tests using instrument grade propane were made after the calibration to confirm its accuracy. A copy of the calibration data was provided to the EPA Project Officer as a part of the qualification data package.

Calibration of the laminar flow element (LFE) is traceable to the National Bureau of Standards, and a certified copy of the LFE calibration curve was furnished to the Project Officer at the time of laboratory qualification.

Daily propane recovery tests were made to confirm continued calibration of the CVS system. The measured propane mass recovered by the CVS had to be within $\pm$2.0 percent of the injected mass of up to 20 grams of instrument grade propane as determined gravimetrically. The recovered amount of propane was measured on the 0-300 ppmC FID range. A Rustrak chart recorder was used to continuously record CVS temperature during these tests.

2.5.2 Emission Analysis Console

2.5.2.1 Dilute Exhaust Analysis Console

Complete calibrations of the mass emission analysis console

instruments were performed initially and checked each week thereafter until testing was completed. Calibration curves for the mass emission analysis console CO, CO_2, HC and NOx instruments were established using the gases previously identified. The CO and CO_2 instruments were calibrated at seven somewhat evenly spaced points (zero and six upscale points) across each operating range. Calibration of the HC and NOx instruments was performed at three somewhat evenly spaced points (zero and two upscale points) across each operating range. Calibration of these instruments was established and maintained within one percent of full scale for each range, respectively, or five percent of the measured value, whichever was smaller. A computer program provided by the EPA was used in the generation of the calibration curves.

In connection with each test, the CVS sample bags were purged with nitrogen, evacuated and leak-checked. These operations were performed in a bag evacuate, N_2 purge, evacuate and leak-check sequence by means of a manual push-button selection of solenoids located within the CVS. A leak in the system is indicated by a non-zero flow in the flow meters on the operator's console.

Other activities included setting zero and span points immediately prior to exhaust sample analysis and zero and span point verifications immediately following exhaust sample analysis. Strip chart recorders were operated throughout the zero and span set-point calibration, sample analysis and zero and span verification sequence. Verification tolerances were maintained within ± 1 deflection from the set-point for the range in use. Converter efficiency of the NOx converter was maintained above 90 percent. The noise level of analyzer outputs as indicated on the strip chart was maintained within ± 0.5 percent of full scale for the range used during both calibration and analysis.

2.5.2.2 Raw Exhaust Analysis Console

The NOx instrument used in the undiluted (raw) emission analysis console is a laboratory instrument calibrated using the same gases, calibration points, tolerances and verification frequency described above in connection with the NOx instrument used in the mass emission analysis console. Efficiency of the tail pipe raw exhaust NOx laboratory instrument thermal converter was not checked daily because NO (Nitric Oxide) was measured and reported, not NOx (Oxides of Nitrogen).

The tail pipe HC/CO measurement instrument was operated in accordance with the manufacturer's recommendations except that this instrument was zeroed with nitrogen and the HC and CO span-points calibrated with appropriate gases immediately prior to each test. Each analyzer was checked for zero and span point drift immediately following each test.

2.5.2.3 Daily Qualification Checks

Daily qualification checks included:

Leak-check of each instrument as well as the system.

Recording of zero, gain and tune, as applicable, for each instrument.

Hang-up and leak-checks for background and sample bags and sample line.

NOx analyzer vacuum and converter efficiency checks.

Propane recovery tests to ensure proper FID operation as well as verification of the CVS calibration.

Recording of FID fuel and air pressure.

Recording of cylinder number, concentration, deflection, cylinder pressure for each working gas.

In addition to the above daily checks, weekly calibration curve checks were made for each range of each instrument.

Appropriate calibrations, leak-checks, etc., were also made whenever maintenance was performed which could change instrument or system operation.

2.5.3 ECE-50 Chassis Dynamometer

Dynamometer speed was verified initially and bi-weekly with a Strobotach. Road load force was determined using calibrated weights. Coast-downs were performed initially and bi-weekly thereafter to verify the road load force versus inertia weight relationships as given in 40 FR 126.

2.5.4 Data Acquisition System

The data acquisition system was verified by performing manual checks of equipment performance and hand calculations from strip chart data and comparing these with the data provided by the DACC. This activity is verified by a Quality Assurance inspection for each test. A reasonableness check is performed for each critical data element. Any suspect data was verified by strip chart or calculation. Any data found to be in error is independently recalculated wherever possible or the test is rejected.

2.5.5 Miscellaneous Equipment

All miscellaneous equipment was calibrated or verified according to manufacturer's recommended practices. The CVS laminar flow element and barometers were calibrated by Meriam Instruments Company.

2.6 TEST PROCEDURES

2.6.1 Vehicle Preparation

Each vehicle received a preliminary safety inspection as part of the procurement activity. This was done to ensure that the vehicle was safe to operate on the street. Upon acceptance for testing, the vehicle's fuel tank was drained and refueled with appropriate test fuel to 40% of tank capacity. To ensure that test fuel had purged the fuel system, the vehicle was driven for ten minutes on city streets or on the dynamometer for the first 505 seconds of the FTP. After the preconditioning run, the vehicle was driven or pushed into the soak area for the required 12 to 24 hour soak at temperatures between 68°F and 86°F. Drive wheel tire pressure was set to 45 psi prior to dynamometer testing to prevent tire damage.

Figure 2 presents a flow chart of testing activities.

2.6.1.1 Driveability Evaluation

An evaluation of the driveability of each vehicle was performed prior to and during each FTP. The evaluation is essentially the same as that performed on previous EPA light duty vehicle projects. Appendix H lists the items evaluated and the results for individual vehicles.

2.6.2 Equipment Preparation

Prior to the first test of the day and following any shut-down, equipment which had been idle or in a stand-by condition was activated to begin warm-up. This included the CVS water heater and mass pump and each of the analytical instruments. Following the warm-up of the respective instruments, efficiency of the NOx instrument thermal converter was checked and the propane recovery test which involved the CVS sample system and the FID hydrocarbon instrument was conducted. Subsequent to these checks, analyzer outputs, as indicated by the strip chart recorders and the DACC computer and printer, were checked for correlation by calibrating at zero and five volts. Prior to the first exhaust emissions test of the day or following any extended shut-down, the dynamometer was warmed-up. The prescribed 15 minutes of 30 mile per hour operation of the dynamometer was the warm-up procedure followed. Following warm-up, the speed calibration of the dynamometer, driver's aid recorder and associated indicating devices were also checked and calibrated as necessary.

Prior to each test, all charts were properly stamped to show, among other things, the vehicle number, run number, date and persons involved in the test.

2.6.3 Federal Exhaust Emission Test Procedure

The Federal Test Procedure as described in 40 FR 126 was performed on all vehicles in the as-received condition. The evaporative emission portion of the procedure was not part of this program. The exhaust emission portion of the Federal Test Procedure is comprised of cold transient, cold stabilized and hot transient phases. The cold transient portion is 505 seconds long, covering a distance of 3.59 miles with an average speed of 25.6 mph. The cold stabilized portion is 867 seconds in length, 3.91 miles in distance and a 16.2 mph average speed. The hot transient portion is identical to the cold transient portion except that it is preceded by a 10 minute soak.

The cold soak period used for the test vehicles was 12 to 24 hours. The starting procedures and shift points used for the test vehicles were as recommended by each manufacturer.

2.6.4 Highway Fuel Economy Test

Starting with each vehicle in a warmed-up condition (at least 7.5 miles of cyclic operation within the last thirty-five minutes) each vehicle was operated on the chassis dynamometer at 50 miles per hour for three minutes. Within one minute after the end of the 50 mile per hour cruise period, the vehicles commenced operation over the 10.242 mile, 765 second driving schedule. A CVS bag sample was used to gather the dilute exhaust for emissions analysis and fuel economy calculations. HC, CO, CO_2 and NOx were measured and reported in grams per mile. Fuel economy was calculated by the carbon balance method and reported in miles per gallon.

2.6.5 Two-Speed Idle Test

This test followed the HFET and required additional analytical instruments, aside from those required for the basic FTP test, to measure undiluted exhaust emissions. The instruments used for measurement of undiluted HC, CO and NO emissions are specified in Section 2.4.

This short test consisted of volumetric sampling of undiluted exhaust emissions during two steady state operating conditions with the hood open and the cooling fan on. The first operating mode was 2500 engine RPM with the transmission in neutral. The second mode was normal curb idle with the transmission in neutral also.

Two-Speed Idle tests were preceded by a six minute soak period (three minutes with engine off and three with the engine idling). At the end of the soak period the vehicle was operated for a maximum of three minutes at 2500 RPM and then at idle speed. At each speed, equilibrium of engine speed and the CO, HC and NO analyzer output meters was maintained for 30 seconds before the readings were recorded. CO, HC and NO were measured and reported in % CO, ppm Hexane and ppm NO respectively. Engine RPM was written on the vehicle data packet for both operating conditions.

2.6.6 Federal Three Mode Test

This test procedure was also preceded by a six minute soak as described under the Two-Speed Idle test. The instruments used for measurement of undiluted HC, CO and NO emissions were the same as used for the Two-Speed Idle test.

This short test consisted of three steady state operating modes from which undiluted exhaust samples are taken. The dynamometer loads used simulate the average power which occurs at the corresponding speeds on the FTP, with all light duty vehicles being grouped into weight classes. The inertia weight was set at 1750 lbs. At the end of the soak period, the vehicle was operated for a maximum of three minutes at the mode-specified speed with the hood open and the cooling fan on. During this stabilization period the

specified dynamometer load horsepower was set. The test was performed in the order of high cruise, low cruise, and idle. The idle mode was sampled in both drive (automatic transmissions only) and in neutral. At each speed, equilibrium of vehicle speed and the CO, HC and NO analyzer meters were maintained for 30 seconds before the readings were recorded. CO, HC and NO were measured and reported in % CO, ppm Hexane and ppm NO respectively. Since actual horsepower was used for this test, additional dynamometer coastdown calibrations at 25 and 52 mph were performed and verified every two weeks. The test weight of each vehicle was determined by adding 400 lbs to the shipping weight as found in the National Automobile Dealers Association (NADA) appraisal guide.

2.6.7 Loaded Two Mode Test

The six minute soak period and the undiluted exhaust analysis instruments described under the Two-Speed Idle test were also used for this test. Inertia weight was set at 1750 pounds. With engine at normal operating temperature, dynamometer and analyzers warmed-up, the dynamometer load was set to 9.0 actual horsepower at 30 miles per hour regardless of vehicle weight. Using drive for automatic and third gear for manual transmissions, the vehicles were operated at 30 miles per hour roll speed during which time the exhaust emissions were being measured. The concentrations of HC, CO and NO emissions were recorded continuously and analyzed after a maximum of 30 seconds or when stabilized. Following this, the vehicles were allowed to idle until emissions once again stabilized or for a maximum of 30 seconds before the concentrations were analyzed.

For each vehicle, the driver recorded on the driver's trace the indicated horsepower obtained in the cruise mode. The measured idle RPM in neutral for manual transmission vehicles and in drive for automatic transmission vehicles was recorded on the vehicle data packet.

2.6.8 After-Test Procedures

After the completion of testing and acceptance of the data by Quality Assurance, each vehicle was taken to the inspection and maintenance area. Here the mechanic measured and recorded engine parameters which included initial timing, idle speed, undiluted idle CO and undiluted idle HC emissions. When possible the procedures outlined in the owner's manual and on the vehicle's emission sticker were followed in performing these inspections. If the owner's manual and emissions sticker were missing, the shop manual, or other available publication was used to determine vehicle specifications. In some cases, the vehicle manufacturer was called upon to aid in determining specifications.

Prior to returning the vehicle to the owner, tire pressure was set to manufacturer's specifications, and the fuel tank was filled to full capacity with fuel currently being marketed in the test area. This fuel was suitable for use in the particular vehicle.

2.6.8.1 Maladjustment and Disablement Inspection

Each vehicle was given an extensive underhood inspection to determine the condition and proper installation of each emission control component. Procedures used were those detailed in manufacturer shop manuals. These procedures were supplemented by other manufacturer supplied information where necessary. The systems inspected and the inspection results are listed in Appendix I. The results of the many subsystem inspections were submitted to EPA but are not listed in this report. A specialized Ford EECII system tester was used on vehicles so equipped. The on-board diagnostic system on GM X-body cars was used to identify faults in those cars.

2.6.9 Daily Test Schedule

Test shifts were generally limited to the first and second shifts of the day. Vehicles scheduled for test the next day were usually preconditioned on the second shift. Daily calibration checks and system preparation (as described in Section 2.5) were performed prior to the first test of the day and tests were scheduled with this in mind.

2.7 DATA HANDLING

2.7.1 Data Collection

Various forms were developed for the recording of significant test information. These data forms are supported by various strip charts and computer printouts from the AESi DACC. The forms were designed to enable direct keypunching in the formats defined by EPA.

The information included a thorough description of each test vehicle, its test results and inspection parameters, its driveability characteristics and its use characteristics.

2.7.2 Data Processing

Diluted exhaust emissions test results include ambient temperature, barometric pressure, humidity, and mass equivalent of total HC, CO, CO_2, and NOx both as-measured and corrected for relative humidity. Undiluted exhaust emissions were recorded as ppm Hexane for hydrocarbons, % CO for carbon monoxide and ppm NO for nitric oxides. Fuel consumption, in miles per gallon, was calculated from bag data according to the carbon balance technique and reported for each vehicle. The carbon balance technique used was provided by the Project Officer.

All of the exhaust emissions data were calculated at the time of test by the AESi DACC. This computer was checked at least monthly using independent calculations from the analyzer strip charts to ensure its validity.

These results were reported on a weekly and a cumulative monthly basis using the keypunched cards prepared for submittal to EPA.

2.7.3 Quality Control

The quality assurance program applied to this project monitors every aspect of each emissions test. This includes operator and driver performance, the sampling system, ambient test conditions, analyzer performance, gases, fuel, dynamometer settings and all data processing. In addition, all other data submitted as part of this project received the inspection of the Quality Assurance section. Any discrepancies noted during the review process were resolved in an appropriate manner.

Figure 3 presents a flow chart of the Quality Assurance activities.

2.7.4 Calculation of Results

2.7.4.1 Federal Test Procedure

Test results were calculated based on the procedure presented in 40 FR 126. Theoretical distance was used in the grams per mile calculation for each test phase. Fuel consumption was calculated using the carbon balance method and was reported in miles per gallon.

2.7.4.2 Highway Fuel Economy Test

HC, CO, CO_2 and NOx were measured and reported in grams per mile. The mass emissions were calculated according to 40 CFR Part 600. Fuel economy was calculated by the carbon balance method and reported in miles per gallon.

2.7.4.3 Two-Speed Idle Emissions Test

Emissions from the Two-Speed Idle tests, performed with the vehicle on the dynamometer, consisted of a five second analyze time after stabilization of HC, CO and NO had occurred. The DACC collects ten readings per second, averages them and prints the average value for each pollutant. This procedure was followed for each test mode.

2.7.4.4 Federal Three Mode Emissions Test

All Federal Three Mode emissions tests were performed with the vehicle on the dynamometer using the same computer procedure described for the Two-Speed Idle test.

2.7.4.5 Loaded Two Mode Emissions Test

All Loaded Two Mode emissions tests were performed with the vehicle on the dynamometer using the same computer procedure described for the Two-Speed Idle test.

SECTION 3

DISCUSSION OF TEST RESULTS

3.1 TEST FLEET DESCRIPTION

The test fleet is made up of a total of 350 vehicles. The final vehicle matrix by make and model year is shown in Table 1. The characteristics of these vehicles by inertia weight, engine displacement and number of engine cylinders is shown in Table 2.

The vehicle numbering system groups all model year vehicles by the leading digit of the vehicle number (e.g. 0120 would be a 1980 vehicle, 9007 would be a 1979 vehicle, and 8005 would be a 1978 vehicle.)

3.2 FEDERAL TEST PROCEDURE EMISSIONS AND FUEL ECONOMY

The FTP emissions and fuel economy data are summarized in Table 3 (by model year). A listing of FTP emissions for each vehicle is found in Appendix C.

3.3 VEHICLES MEETING EXHAUST EMISSION STANDARDS

Table 4 presents the summary of 1978 and 1979 vehicles passing one or more of the California emissions standards for those model years. Table 5 presents the summary of 1980 vehicles passing one or more of the California emissions standards for that model year.

3.4 HIGHWAY FUEL ECONOMY TEST EMISSIONS

The Highway Fuel Economy test data are summarized in Table 6 and listed for individual vehicles in Appendix D.

3.5 TWO-SPEED IDLE TEST EMISSIONS

The Two-Speed Idle emissions data are summarized in Table 7 and listed for individual vehicles in Appendix E.

3.6 FEDERAL THREE MODE TEST EMISSIONS

The Federal Three Mode emissions data are summarized in Table 8. The test results for Federal Three Mode tests performed on each individual vehicle are listed in Appendix F.

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3.7 LOADED TWO MODE TEST EMISSIONS

The Loaded Two Mode test data are summarized in Table 9 and listed for individual vehicles in Appendix G.

3.8 MALADJUSTMENT AND DISABLEMENT INSPECTION RESULTS

A summary of vehicle maladjustments is given in Table 10. This summary is extracted from the data on individual vehicles presented in Appendix I. A summary of vehicles with some malperformance is presented by model year and make in Table 11.

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Figure 1 Vehicle Procurement Flow Chart

Figure 2 Testing Flow Chart

Figure 3 Quality Assurance Activity Flow Chart

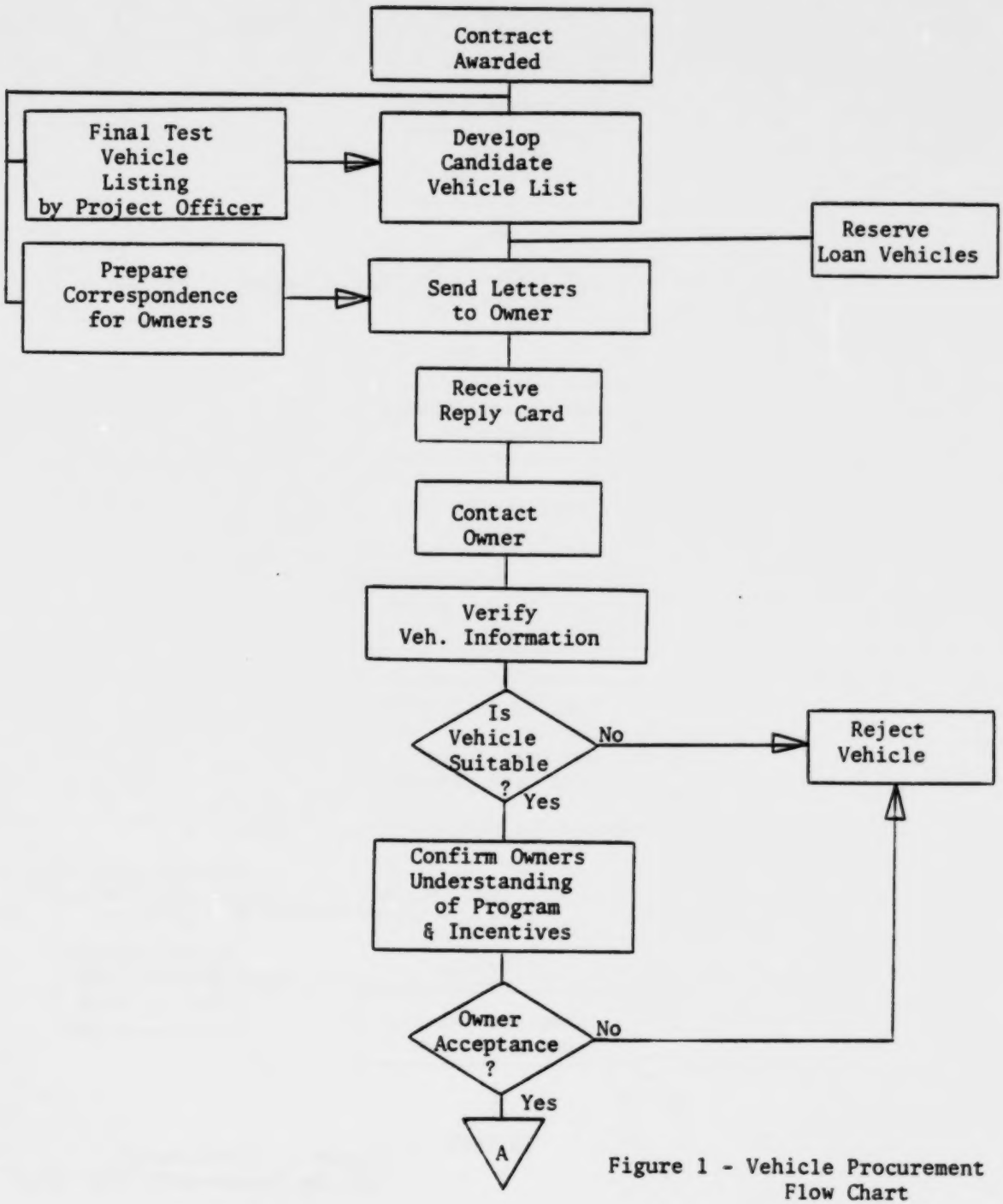

Figure 1 - Vehicle Procurement Flow Chart

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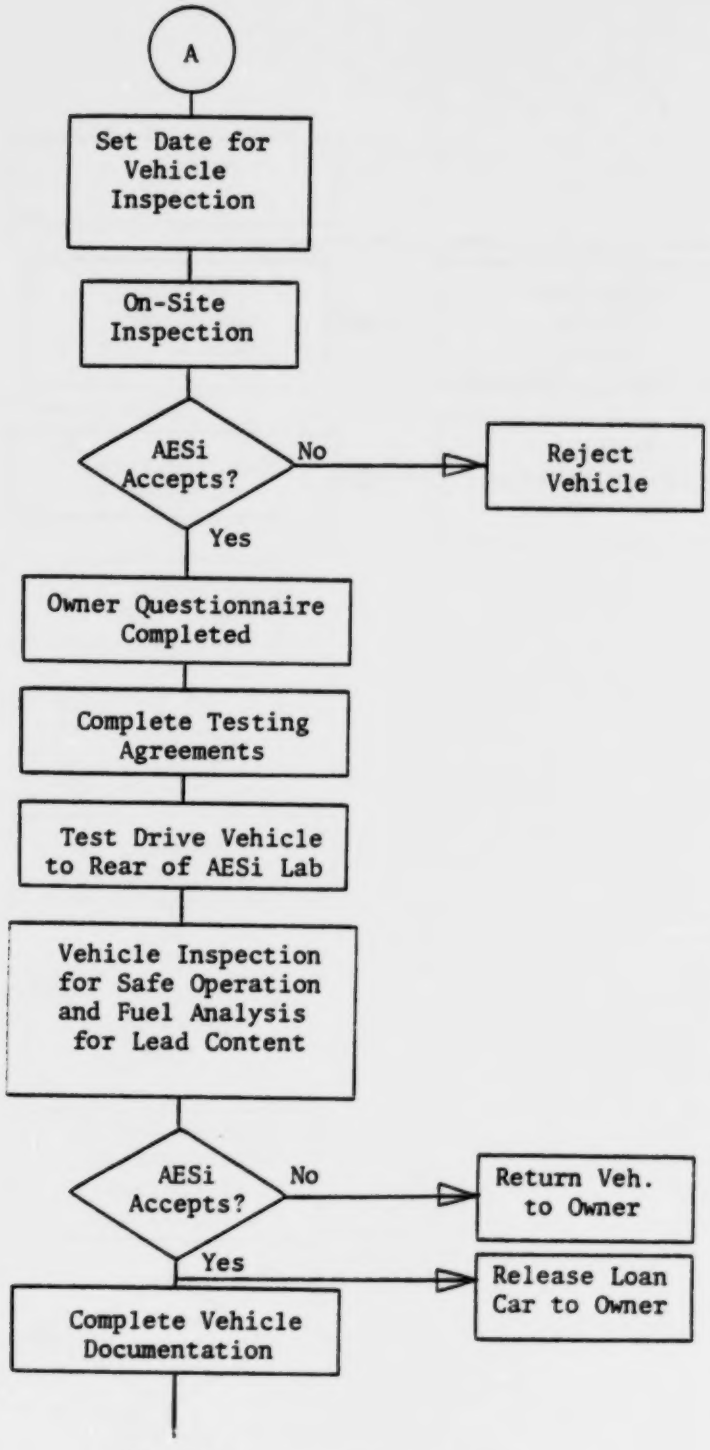

Figure 1 -(Continued)
Vehicle Procurement Flow Chart

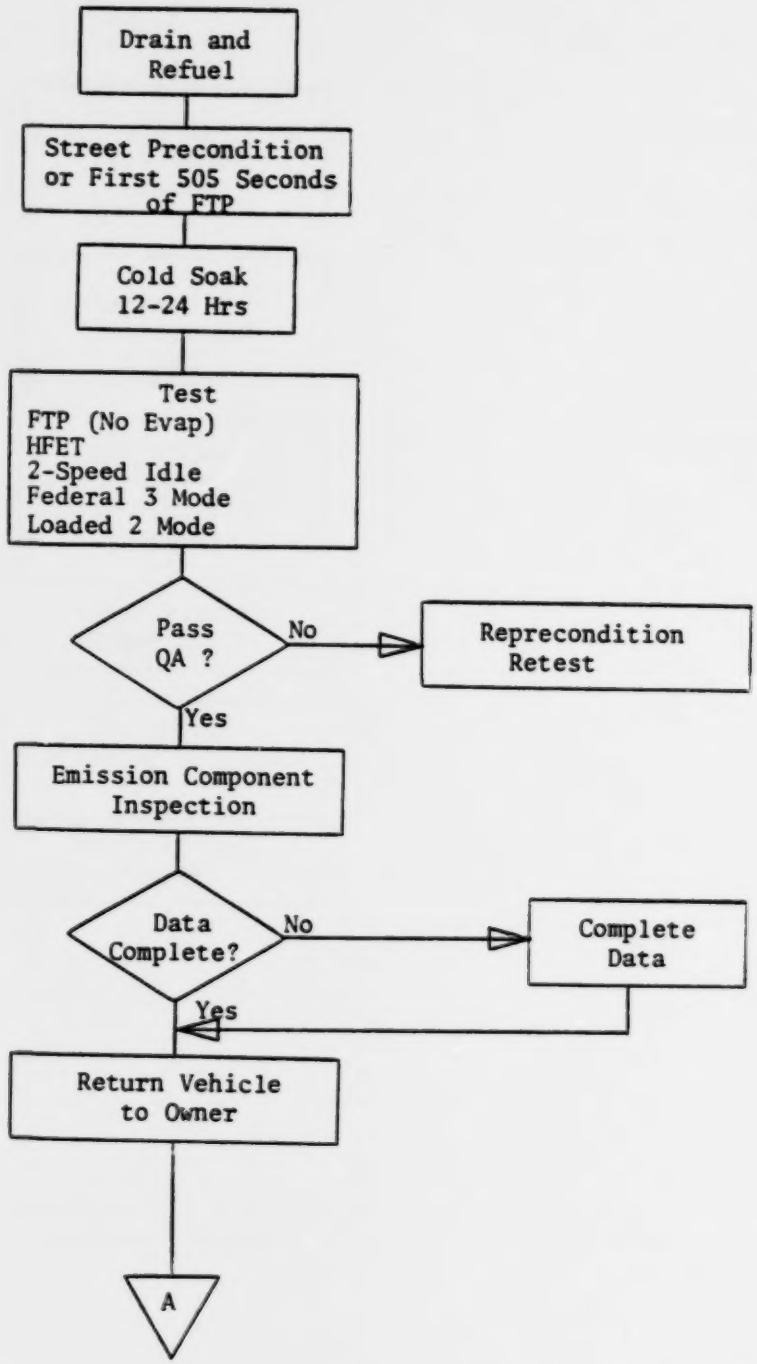

Figure 2 - Testing Flow Chart

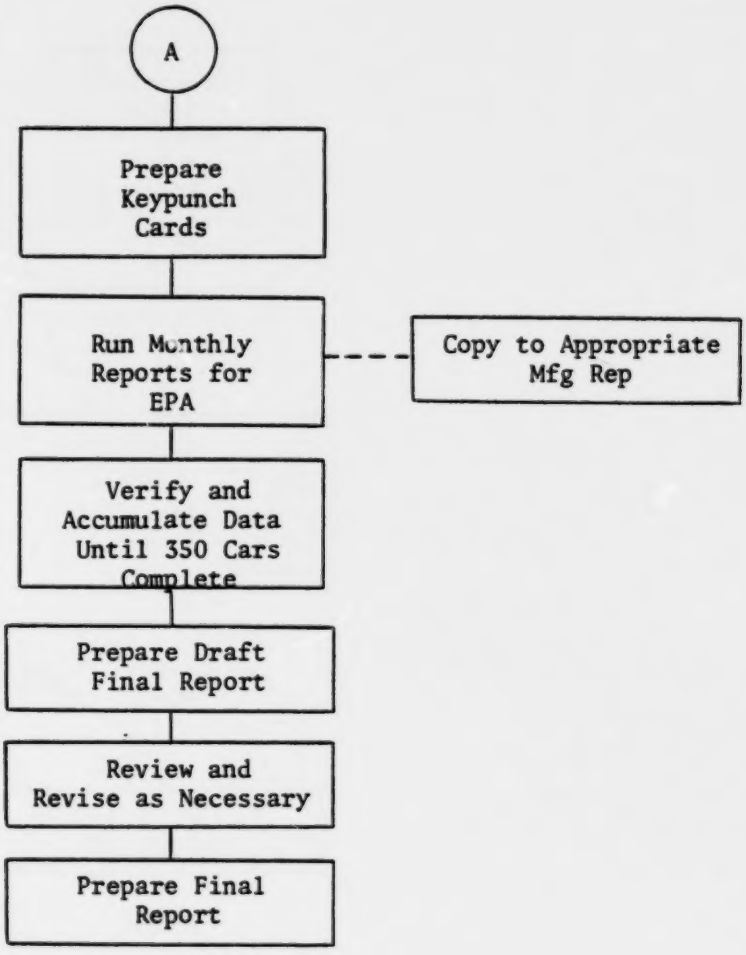

Figure 2 - (Continued)
Testing Flow Chart

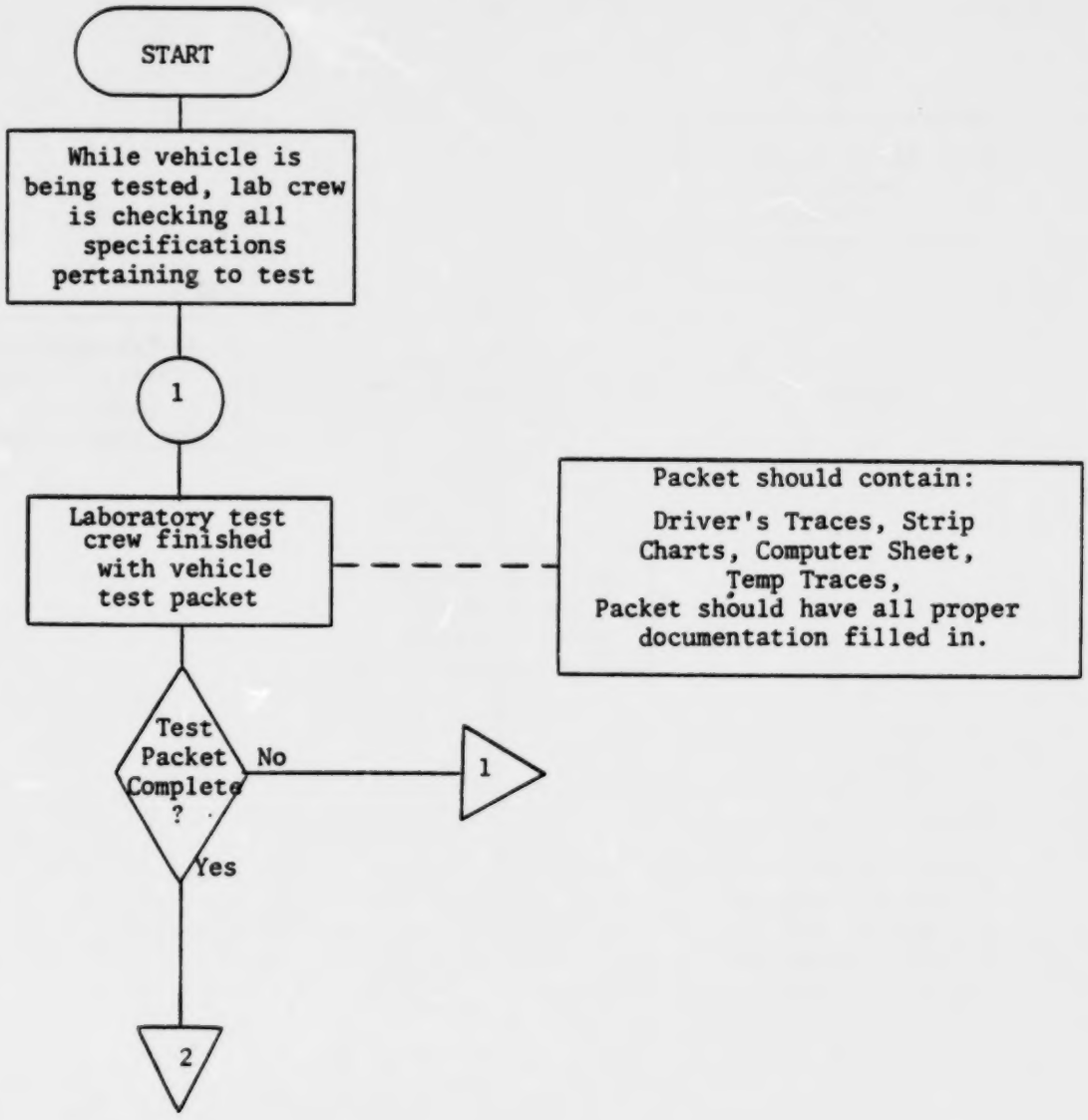

Figure 3 - Quality Assurance Activity Flow Chart

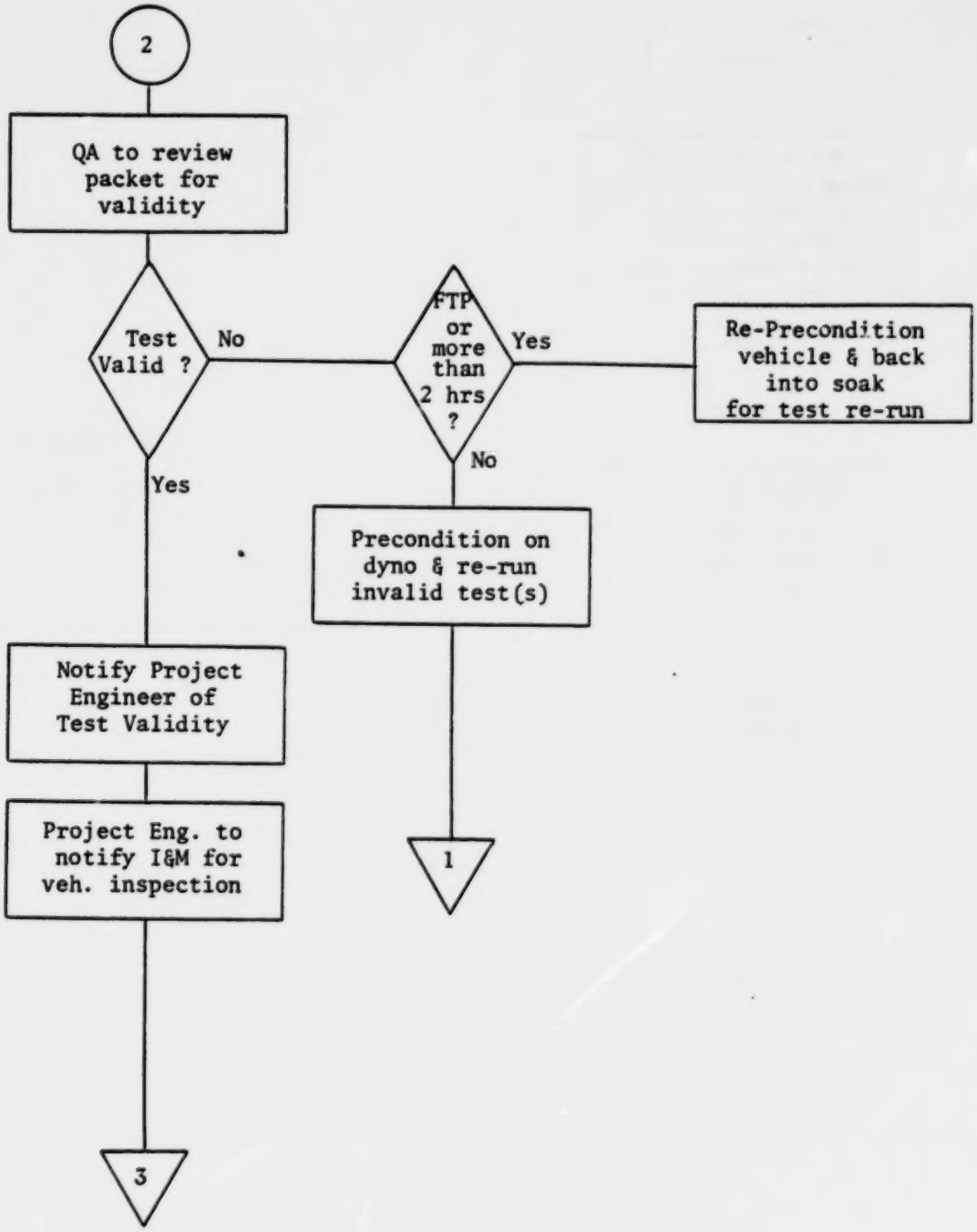

Figure 3 - (Continued)
Quality Assurance Activity
Flow Chart

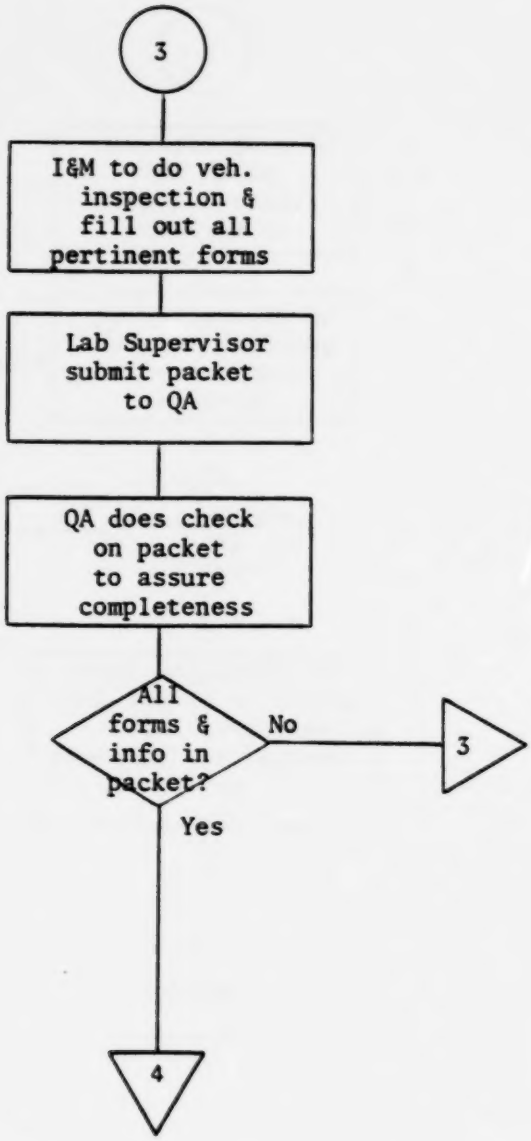

Figure 3 - (Continued)
Quality Assurance Activity
Flow Chart

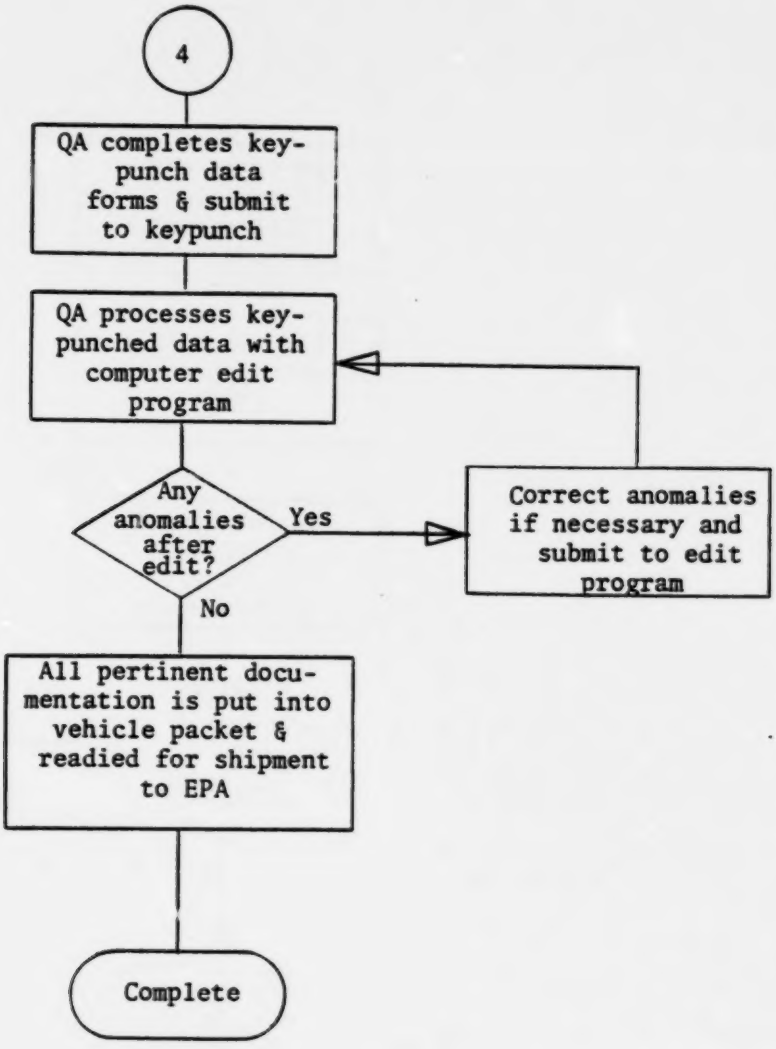

Figure 3 - (Continued)
Quality Assurance Activity
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TABLE 1

SUMMARY OF VEHICLE MAKES

LOS ANGELES

MAKE	1978	1979	1980	TOTAL
BUIC	0	0	13	13
CADI	0	1	0	1
CHEV	6	8	61	75
OLDS	0	0	5	5
PONT	5	4	11	20
FORD	25	51	0	76
MERC	0	17	0	17
MAZD	0	76	0	76
TOYO	0	21	0	21
VW	0	5	0	5
VOLV	9	26	0	35
AUDI	0	3	0	3
SAAB	2	1	0	3
TOTAL	47	213	90	350

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TABLE 2

SUMMARY OF TEST VEHICLE CHARACTERISTICS BY MODEL YEAR

LOS ANGELES

	1978	1979	1980	TOTAL
INERTIA WT (LBS)				
2000	0	0	0	0
2250	0	39	0	39
2500	0	13	0	13
2750	21	27	22	70
3000	18	54	66	138
3500	8	14	2	24
4000	0	45	0	45
4500	0	21	0	21
5000	0	0	0	0
5500	0	0	0	0
TOTAL	47	213	90	350
ENGINE DISPLACEMENT (CUBIC INCHES)				
UNDER 251	47	147	90	284
251 - 330	0	0	0	0
331 - 399	0	66	0	66
OVER 399	0	0	0	0
TOTAL	47	213	90	350
NUMBER OF ENGINE CYLINDERS				
4	39	119	45	203
6	8	28	45	81
8	0	66	0	66
ROTARY	0	0	0	0
TOTAL	47	213	90	350

TABLE 3

SUMMARY OF EXHAUST EMISSION TEST RESULTS BY MODEL YEAR
1975 FEDERAL TEST PROCEDURE - AS RECEIVED

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON

MODEL YEAR	NUMBER OF VEHICLES	AVERAGE MILEAGE	HC		CO		CO2		NOXC		FUEL ECON.	
			MEAN	S.D.	MEAN	S.D.	MEAN	S.D.	MEAN	S.D.	MEAN	S.D.
1978	47.	18780.	1.11	1.28	18.28	30.11	438.54	68.31	.88	.41	18.85	2.63
1979	213.	10525.	.59	.66	8.52	17.52	481.38	134.92	1.18	.75	17.87	5.25
1980	90.	5580.	.52	.91	13.19	26.03	442.46	49.43	.76	.34	19.09	1.99
TOTAL	350.	10362.	.64	.85	11.03	22.15	465.62	112.62	1.03	.66	18.30	4.32

TABLE 4

VEHICLES MEETING CALIFORNIA STANDARDS

1978 - 1979 MODEL YEARS

LOS ANGELES

MODEL YEARS	NUMBER OF VEHICLES	AVERAGE MILEAGE	HC (0.41 GPM)		CO (9.0 GPM)		NOXC (1.5 GPM)		MEETING ALL THREE	
			NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
1978	47.	18780.	11.	23.4	28.	59.6	44.	93.6	10.	21.3
1979	213.	10525.	104.	48.8	172.	80.8	178.	83.6	83.	39.0

TABLE 5

VEHICLES MEETING CALIFORNIA STANDARDS

1980 MODEL YEAR

LOS ANGELES

MODEL YEAR	NUMBER OF VEHICLES	AVERAGE MILEAGE	HC (0.41 GPM)		CO (9.0 GPM)		NOXC (1.0 GPM)		MEETING ALL THREE	
			NO.	PCT.	NO.	PCT.	NO.	PCT.	NO.	PCT.
1980	90.	5580.	74.	82.2	73.	81.1	81.	90.0	65.	72.2

TABLE 6

SUMMARY OF EXHAUST EMISSION TEST RESULTS BY MODEL YEAR
HIGHWAY FUEL ECONOMY TEST - AS RECEIVED

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON

MODEL YEAR	NUMBER OF VEHICLES	AVERAGE MILEAGE	HC		CO		CO2		NOXC		FUEL ECON.	
			MEAN	S.D.	MEAN	S.D.	MEAN	S.D.	MEAN	S.D.	MEAN	S.D.
1978	47.	18780.	.31	.56	9.70	29.68	321.17	56.58	1.00	.58	26.29	4.62
1979	213.	10525.	.18	.41	2.90	12.53	356.17	103.33	1.20	.98	24.53	7.93
1980	90.	5580.	.17	.50	6.35	19.22	306.04	36.53	.60	.40	28.01	3.21
TOTAL	350.	10362.	.19	.46	4.70	17.66	338.58	88.04	1.02	.86	25.58	6.64

TABLE 7

SUMMARY OF EXHAUST EMISSION TEST RESULTS BY MODEL YEAR
TWO SPEED IDLE TEST - AS RECEIVED

LOS ANGELES

MODEL YEAR	NUMBER OF VEHICLES	TEST PHASE	HC,PPMHEX MEAN	HC,PPMHEX S.D.	CO,PCT MEAN	CO,PCT S.D.	NO,PPM MEAN	NO,PPM S.D.
1978	47.	2500 RPM	17.6	36.0	.3	.9	56.9	48.1
		IDLE (N)	82.7	114.7	.9	2.0	18.0	11.2
1979	213.	2500 RPM	22.7	37.6	.3	.6	84.5	77.7
		IDLE (N)	35.9	80.9	.3	1.1	29.7	23.3
1980	90.	2500 RPM	16.0	63.2	.2	.8	85.9	261.1
		IDLE (N)	14.5	96.9	.1	.7	28.0	13.2
TOTAL	350.	2500 RPM	20.3	45.4	.3	.8	81.2	146.5
		IDLE (N)	36.7	92.3	.3	1.2	27.7	20.2

TABLE 8

SUMMARY OF EXHAUST EMISSION TEST RESULTS BY MODEL YEAR
FEDERAL 3-MODE TEST - AS RECEIVED

LOS ANGELES

MODEL YEAR	NUMBER OF VEHICLES	TEST PHASE	HC,PPMHEX MEAN	HC,PPMHEX S.D.	CO,PCT MEAN	CO,PCT S.D.	NO,PPM MEAN	NO,PPM S.D.
1978	47.	HI SPEED	29.7	52.5	.4	1.3	332.4	255.5
	47.	LO SPEED	30.6	64.4	.4	1.2	180.4	202.1
	20.	IDLE (D)	72.2	127.4	1.2	2.3	24.5	19.3
	47.	IDLE (N)	78.0	115.6	1.1	2.3	20.1	13.1
1979	213.	HI SPEED	17.1	26.0	.1	.6	526.9	527.1
	213.	LO SPEED	16.8	36.3	.1	.8	243.5	237.1
	124.	IDLE (D)	25.4	68.5	.2	1.0	92.6	112.8
	213.	IDLE (N)	26.2	69.5	.2	1.0	35.0	54.4
1980	90.	HI SPEED	12.5	51.2	.3	1.3	284.3	259.0
	90.	LO SPEED	13.5	48.5	.3	1.2	309.9	388.1
	90.	IDLE (D)	17.4	79.4	.2	.9	60.0	44.0
	90.	IDLE (N)	16.4	96.7	.2	.8	32.7	18.2
TOTAL	350.	HI SPEED	17.6	38.3	.2	.9	438.4	454.9
	350.	LO SPEED	17.8	44.4	.2	1.0	252.1	282.1
	234.	IDLE (D)	26.4	80.2	.3	1.2	74.2	89.2
	350.	IDLE (N)	30.6	86.3	.3	1.2	32.4	43.9

TABLE 9

SUMMARY OF EXHAUST EMISSION TEST RESULTS BY MODEL YEAR
LOADED TWO-MODE TEST - AS RECEIVED

LOS ANGELES

MODEL YEAR	NUMBER OF VEHICLES	TEST PHASE	HC,PPMHEX MEAN	HC,PPMHEX S.D.	CO,PCT MEAN	CO,PCT S.D.	NO,PPM MEAN	NO,PPM S.D.
1978	47.	30 MPH	37.4	62.2	.4	1.2	169.1	240.6
		IDLE	70.1	106.0	.9	2.2	18.7	12.9
1979	213.	30 MPH	22.4	37.4	.2	.8	305.4	348.6
		IDLE	24.7	69.7	.2	1.0	30.7	24.6
1980	90.	30 MPH	15.9	62.3	.3	1.2	179.4	148.6
		IDLE	16.4	95.5	.2	.9	32.6	17.4
TOTAL	350.	30 MPH	22.7	48.9	.2	1.0	254.7	301.9
		IDLE	28.7	83.9	.3	1.2	29.5	22.0

TABLE 10

SUMMARY OF EMISSION COMPONENT INSPECTION INFORMATION BY MODEL YEAR

LOS ANGELES

EVALUATION CODES: 1=NO MALPERFORMANCE; 2=SOME MALPERFORMANCE; 3=NOT APPLICABLE

MODEL YEAR	NO. OF VEHIC	SYSTEM EVALUATION																															AVERAGE MANHRS
		INDUC			FUEL			CHOKE			IGN .			EGR			AIR			PCV			EXH			EVAP			MISC			3-WAY			
		1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
1978	47.	33	14	0	16	31	0	42	5	0	36	11	0	34	2	11	17	8	22	32	15	0	44	3	0	45	2	0	27	20	0	33	14	0	1.2
1979	213.	197	16	0	84	129	0	178	35	0	171	42	0	169	9	35	134	10	69	211	2	0	212	1	0	209	4	0	173	40	0	182	31	0	1.5
1980	90.	78	12	0	52	38	0	77	13	0	79	11	0	84	6	0	46	0	44	88	2	0	90	0	0	88	2	0	84	6	0	85	5	0	1.6
TOTAL	350.	308	42	0	152	198	0	297	53	0	286	64	0	287	17	46	197	18	135	331	19	0	346	4	0	342	8	0	284	66	0	300	50	0	1.5

TABLE 11

INSPECTION RESULTS BY MODEL YEAR AND MAKE FOR VEHICLES WITH SOME MALPERFORMANCE

MODEL YEAR	MAKE	NO. OF VEHIC	SYSTEM																														AVGE MHRS
			INDUC		FUEL		CHOKE		IGN		EGR		AIR		PCV		EXH		EVAP		MISC		3-WAY											
			NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	NO.	PCT	
1978																																	
	CHEV	6.	1.	16.7	6.	100.0	1.	16.7	0.	0.0	2.	33.3	0.	0.0	1.	16.7	1.	16.7	0.	0.0	1.	16.7	5.	83.3	1.1
	PONT	5.	0.	0.0	4.	80.0	0.	0.0	1.	20.0	0.	0.0	0.	0.0	0.	0.0	1.	20.0	1.	20.0	2.	40.0	4.	80.0	1.3
	FORD	24.	12.	50.0	11.	45.8	4.	16.7	10.	41.7	0.	0.0	8.	33.3	14.	58.3	1.	4.2	0.	0.0	11.	45.8	1.	4.2	1.2
	VOLV	9.	1.	11.1	9.	100.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	4.	44.4	4.	44.4	1.5
	SAAB	2.	0.	0.0	1.	50.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	1.	50.0	2.	100.0	0.	0.0	1.2
1979																																	
	CHEV	7.	1.	14.3	4.	57.1	3.	42.9	2.	28.6	0.	0.0	0.	0.0	0.	0.0	0.	0.0	1.	14.3	3.	42.9	3.	42.9	1.3
	PONT	4.	0.	0.0	3.	75.0	3.	75.0	1.	25.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	2.	50.0	1.	25.0	1.2
	FORD	47.	9.	19.1	21.	44.7	5.	10.6	18.	38.3	6.	12.6	6.	12.8	2.	4.3	0.	0.0	2.	4.3	0.	0.0	23.	48.9	1.6
	MERC	11.	2.	18.2	4.	36.4	2.	18.2	5.	45.5	1.	9.1	1.	9.1	0.	0.0	0.	0.0	0.	0.0	1.	9.1	3.	27.3	1.7
	MAZD	74.	4.	5.4	64.	86.5	22.	29.7	12.	16.2	1.	1.4	3.	4.1	0.	0.0	0.	0.0	1.	1.4	27.	36.5	0.	0.0	1.4
	TOYO	7.	0.	0.0	6.	85.7	0.	0.0	0.	0.0	1.	14.3	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	1.5
	VW	4.	0.	0.0	4.	100.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	1.	25.0	0.	0.0	1.8
	VOLV	22.	0.	0.0	20.	90.9	0.	0.0	3.	13.6	0.	0.0	0.	0.0	0.	0.0	1.	4.5	0.	0.0	6.	27.3	1.	4.5	1.3
	AUDI	2.	0.	0.0	2.	100.0	0.	0.0	1.	50.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	2.3
	SAAB	1.	0.	0.0	1.	100.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	2.5
1980																																	
	BUIC	9.	0.	0.0	6.	66.7	2.	22.2	2.	22.2	2.	22.2	0.	0.0	0.	0.0	0.	0.0	1.	11.1	1.	11.1	0.	0.0	1.5
	CHEV	40.	7.	17.5	27.	67.5	7.	17.5	8.	20.0	3.	7.5	0.	0.0	2.	5.0	0.	0.0	1.	2.5	4.	10.0	3.	7.5	1.6
	OLDS	3.	2.	66.7	1.	33.3	2.	66.7	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	1.	33.3	1.	33.3	1.5
	PONT	7.	3.	42.9	4.	57.1	2.	28.6	1.	14.3	1.	14.3	0.	0.0	0.	0.0	0.	0.0	0.	0.0	0.	0.0	1.	14.3	1.5

LIST OF APPENDICES

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APPENDIX A - LISTING OF VEHICLE AND TEST PARAMETERS

Legend

VEH	-	Vehicle Number
RUN	-	Run Number
DATE	-	Date of Test (month, day, year)
YR	-	Model Year
MAKE	-	Vehicle Make
MDL	-	Vehicle Model
ENGINE FAMILY	-	Engine Family
C	-	Number of Cylinders and Rotors
CID	-	Engine Displacement in Cubic Inches
V	-	Number of Carburetor Venturis (0: fuel injection)
T	-	Type of Transmission (1: automatic; 2: semi-automatic; 3: 3-speed manual; 4: 4-speed manual; 5: 5-speed manual)
A	-	Air Conditioning: (1: Yes; 2: No)
FT	-	Fuel Tank Capacity in Gallons
CAT	-	Catalyst (1: Oxidation; 2: Three-way; 3: None)
IRPM	-	Idle RPM, Measured
IRPMS	-	Idle RPM, Manufacturer's Specification
IGN	-	Ignition Timing in Degrees, actual (no sign indicates before top dead centers; negative sign indicates after top dead center; 0 indicates top dead center)
IGNS	-	Ignition Timing in Degrees, Manufacturer's Specification (no sign indicates before top dead center; negative sign indicates after top dead center; 0 indicates top dead center)
INRT	-	Dynamometer Inertia Weight Setting
RLHP	-	Actual Road Load Horsepower Setting
L	-	Was 10% RLHP added to simulate air conditioner (1: Yes; 2: No; 3: Manufacturer supplied)
DB	-	Dry bulb temperature (degrees Fahrenheit)
WB	-	Wet bulb temperature (degrees Fahrenheit)
BAROM	-	Barometric Pressure (inches Hg)
TEST	-	Test Number

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APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

LOS ANGELES

VEH	RUN	DATE	YR	MAKE	MDL	ENGINE FAMILY	C	CID	V	T	A	FT	CAT	IRPM	IRPMS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TEST
8001	670	73079	78	VOLV	262C	6 CL	6	163	0	1	1	16	2	750	900	10	10	3500	12.3	1	76	59	29.88	1
8002	672	73179	78	VOLV	264G	6 CL	6	163	0	1	1	16	2	810	900	10	10	3500	12.3	1	77	58	29.87	1
9003	669	73079	79	CADI	SEVI	MR960JOUC 980-6 5.7	8	350	0	1	1	21	2	670	600	11	10	4500	12.5	3	73	59	29.91	1
8004	673	73179	78	VOLV	264G	6 CL	6	163	0	1	1	16	2	1100	900	10	10	3500	12.3	1	73	59	29.93	1
8005	677	8 179	78	VOLV	264G	6 CL	6	163	0	1	1	16	2	690	900	9	10	3500	12.3	1	75	59	29.86	1
8006	680	8 279	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	4	2	13	2	1120	850	4	6	2750	9.7	3	77	59	29.83	1
9007	678	8 179	79	FORD	PINT	2.3 B 1TR80XR80	4	140	2	1	2	12	2	830	750	17	17	2750	9.7	3	74	60	29.89	1
9008	684	8 379	79	TOYO	SUPR	4M-E	6	156	2	5	1	16	2	800	800	12	12	3000	10.2	3	73	59	29.84	1
9009	688	8 679	79	FORD	PINT	2.3 B 1TR80XR80	4	140	2	4	2	12	2	850	850	0	6	2750	9.7	3	74	61	29.90	1
9010	682	8 279	79	FORD	PINT	2.3 B 1TR80XR80	4	140	2	1	2	12	2	775	750	15	17	2750	9.7	3	72	59	29.84	1
8011	689	8 779	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	1	2	13	2	815	750	17	17	2750	9.7	3	76	61	29.90	1
8012	690	8 779	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	1	2	13	2	790	750	18	17	2750	9.7	3	78	60	29.90	1
8013	687	8 679	78	VOLV	264G	6 CL	6	163	0	1	1	16	2	1010	900	10	10	3500	12.5	3	73	59	29.87	1
9014	694	8 879	79	VOLV	244D	4 CL	4	130	0	1	1	16	2	820	900	8	8	3500	12.5	3	75	60	29.92	1
8015	691	8 779	78	FORD	STAW	2.3 B 1TR80XR80	4	140	2	4	1	13	2	850	850	6	6	3000	10.3	3	80	62	29.87	1
8016	693	8 779	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	1	2	13	2	875	750	16	17	2750	9.9	3	76	60	29.85	1
8017	706	81379	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	4	2	13	2	875	850	4	6	2750	9.9	3	76	60	29.86	1
8018	697	8 879	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	4	2	13	2	920	850	4	6	2750	9.7	3	76	58	29.86	1
8019	698	8 979	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	4	2	13	2	1100	850	5	6	2750	9.9	3	76	60	29.90	1
8020	696	8 879	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	4	2	13	2	810	850	3	6	2750	9.9	3	79	60	29.85	1
8021	708	81479	78	FORD	STAW	2.3 B 1TS80X80	4	140	2	4	2	14	2	800	850	0	6	3000	9.7	3	77	61	29.88	1
8022	700	8 779	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	4	2	13	2	850	850	6	6	2750	9.7	3	78	59	29.84	1
8023	707	81479	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	4	2	13	2	760	850	5	6	2750	9.9	3	77	60	29.91	1
8024	709	81479	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	4	2	13	2	600	850	6	6	2750	9.7	3	74	59	29.87	1
8025	712	81579	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	4	2	13	2	990	850	8	6	2750	9.7	3	74	60	29.83	1
8026	711	81579	78	FORD	STAW	2.3 B 1TS80X80	4	140	2	4	1	14	2	600	850	6	6	3000	9.7	3	77	60	29.86	1
9027	714	81579	79	VOLV	244D	4 CL	4	130	0	1	1	16	2	930	900	8	8	3000	12.5	3	74	59	29.86	1
8028	716	81679	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	4	1	13	2	950	850	-2	6	2750	9.7	3	75	60	29.87	1
8029	718	81679	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	4	1	13	2	810	850	6	6	2750	9.7	3	75	60	29.88	1
9030	715	81679	79	MAZD	GLC	9UCP	4	86	2	5	1	11	2	800	700	5	5	2250	9.1	3	74	60	29.90	1
8031	717	81679	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	4	2	13	2	810	850	6	6	2750	9.7	3	76	60	29.85	1
8032	719	81679	78	FORD	PINT	2.3 B 1TR80XR80	4	140	2	1	2	13	2	830	750	17	17	2750	9.9	3	74	59	29.89	1
8033	720	81779	78	VOLV	264G	6 CL	6	163	0	1	1	16	2	1185	900	10	10	3500	12.5	3	73	59	29.90	1
9034	710	81579	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	575	620	10	10	4000	12.0	3	74	59	29.90	1
8035	728	82179	78	FORD	STAW	2.3 B 1TS80X80	4	140	2	1	1	14	2	775	750	17	17	3000	9.7	3	73	65	29.94	1
9036	725	82079	79	MAZD	GLC	9UCP	4	86	2	4	1	11	2	810	700	5	5	2250	9.1	3	75	59	29.89	1
9037	721	81879	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	550	620	10	10	4000	12.0	3	75	61	29.93	1
9038	731	82179	79	MAZD	GLC	9UCP	4	86	2	5	2	11	2	875	700	5	5	2250	9.1	3	74	62	29.87	1
8039	724	82079	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	4	2	13	2	575	850	9	6	2750	9.7	3	74	60	29.92	1
9040	733	82279	79	TOYO	SUPR	4M-E 156.4 CID	6	156	2	5	1	16	2	850	800	12	12	3000	10.2	3	74	62	29.93	1

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APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

LOS ANGELES

VEH	RUN	DATE	YR	MAKE	MDL	ENGINE FAMILY	C	CID	V	T	A	FT	CAT	IRPM	IRPMS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TEST
9041	734	82279	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	620	620	9	10	4000	12.0	3	77	64	29.89	1
0042	729	82179	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	700	700	6	6	3500	11.6	3	77	61	29.92	1
8043	732	82179	78	SAAB	99L	B1 20 CA	4	121	0	4	2	15	2	900	875	20	20	3000	11.3	3	74	62	29.90	1
0044	730	82179	80	CHEV	CITA	P7 2.5L 02X2NC	4	151	2	1	2	14	2	675	650	10	10	3500	11.6	3	75	66	29.88	1
8045	740	82379	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	1	1	13	2	725	750	17	17	2750	9.7	3	76	62	29.82	1
9046	741	82579	79	CHEV	MONZ	PS 2.5L 920X2CEU	4	151	2	4	2	19	2	1300	1000	12	14	3000	9.1	3	74	63	29.77	1
9047	727	82079	79	MAZD	GLC	9UCP	4	86	2	5	1	11	2	710	700	5	5	2250	9.1	3	75	59	29.89	1
8048	737	82279	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	1	1	13	2	800	750	15	17	2750	9.7	3	74	61	29.89	1
9049	736	82279	79	MAZD	GLC	9UCP	4	86	2	4	2	12	2	825	700	5	5	2500	9.2	3	74	62	29.87	1
9050	747	82779	79	MAZD	STAW	9UCP	4	86	2	1	1	12	2	750	600	5	5	2500	9.2	3	77	65	29.71	1
9051	751	82879	79	CHEV	MONZ	PS 2.5L 920X2CEU	4	151	2	4	2	19	2	900	1000	14	14	3000	10.1	3	74	63	29.80	1
9052	752	82879	79	PONT	SUNB	PN 2.5L 920X2CEU	4	151	2	1	1	19	2	655	650	14	14	3000	9.1	3	75	64	29.76	1
9053	752	83079	79	CHEV	MONZ	PN 2.5L 920X2CEU	4	151	2	1	1	19	2	625	650	14	14	3000	10.1	3	75	63	29.82	1
8054	750	82879	78	PONT	SUNB	TK 2.5L 820X6EU8BEV	4	151	2	4	2	19	2	1300	1000	13	14	3000	11.3	3	73	62	29.80	1
8055	758	83079	78	PONT	SUNB	TK 2.5L 820X6EU	4	151	2	4	2	19	2	950	1000	14	14	3000	9.5	3	77	64	29.80	1
9056	759	83079	79	MAZD	GLC	9UCP	4	86	2	5	2	11	2	710	700	5	5	2250	9.1	3	74	62	29.82	1
9057	762	9 479	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	4	1	1	19	2	510	620	10	10	4000	12.0	3	78	67	29.73	1
8058	763	9 479	78	PONT	SUNB	TL 2.5L 820X6EU	4	151	2	4	2	19	2	710	1000	14	14	3000	9.5	3	76	67	29.71	1
8059	764	9 479	78	CHEV	MONZ	RK 151C1D 820X6EU	4	151	2	1	1	19	2	575	650	14	14	3000	10.6	3	74	63	29.75	1
9060	760	83179	79	CHEV	MONZ	PS 2.5L 920X2CEU	4	151	2	4	2	19	2	1050	1000	14	14	3000	9.9	3	75	63	29.80	1
9061	768	9 579	79	PONT	SUNB	PR 2.5L 920X2CEU	4	151	2	4	1	19	2	975	1000	13	14	3000	9.1	3	78	67	29.76	1
8062	766	9 579	78	CHEV	MONZ	RJ 151CID 820X6EU	4	151	2	1	2	19	2	725	650	14	14	3000	10.6	3	75	63	29.81	1
8063	767	9 579	78	CHEV	MONZ	TH 151CID 820X6EU	4	151	2	1	1	19	2	650	650	14	14	3000	10.6	3	78	66	29.79	1
9064	769	9 579	79	MAZD	STAW	9UCP	4	86	2	4	2	12	2	810	700	5	5	2500	9.2	3	74	64	29.78	1
8065	781	91079	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	4	2	13	2	870	850	5	6	2750	9.7	3	75	60	29.69	1
9066	770	9 579	79	CHEV	MONZ	PS 2.5L 920X2CEU	4	151	2	4	2	19	2	975	1000	13	14	3000	9.9	3	74	62	29.82	1
9067	775	9 679	79	PONT	SUNB	PP 2.5L 920X2CEU	4	161	2	1	2	19	2	760	650	14	14	3000	9.9	3	78	69	29.80	1
9068	792	91179	79	CHEV	MONZ	PS 2.5L 920X2CEU	4	151	2	4	2	19	2	1040	1000	13	14	3000	10.1	3	76	60	29.72	1
9069	783	91079	79	VOLV	264G	6CL	6	163	0	1	1	16	2	810	900	9	10	3500	12.5	3	74	64	29.62	1
9070	782	91079	79	PONT	SUNB	PR 2.5L 920X2CEU	4	151	2	4	1	19	2	1025	1000	14	14	3000	9.9	3	79	64	29.66	1
8071	776	9 679	78	CHEV	MONZ	TJ 151CID 820X6EU	4	151	2	1	1	19	2	590	650	14	14	3000	10.6	3	73	64	29.79	1
8072	784	91079	78	PONT	SUNB	TL 2.5L 820X6EU	4	151	2	4	1	19	2	775	1000	13	14	3000	11.3	3	76	62	29.64	1
9073	787	91179	79	CHEV	MONZ	PS 2.5L 920X2CEU	4	151	2	4	2	19	2	975	1000	14	14	3000	10.1	3	75	59	29.70	1
9074	790	91179	79	TOYO	SUPR	4M-E 156.4CID	6	156	0	1	1	16	2	750	800	12	12	3000	10.2	3	79	62	29.65	1
9075	822	92079	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	605	620	8	7	4000	12.0	3	77	62	29.72	1
8076	785	91079	78	FORD	PINT	2.3 B 1TS80X80	4	140	2	4	2	13	2	850	850	6	6	2750	9.7	3	75	61	29.66	1
9077	789	91179	79	CHEV	MONZ	PS 2.5L 920X2CEU	4	151	2	4	1	19	2	1200	1000	8	14	3000	9.0	3	79	62	29.65	1
8078	794	91279	78	CHEV	MONZ	TH 151CID 820X6EU	4	151	2	1	2	19	2	770	650	12	14	3000	10.6	3	79	62	29.68	1
9079	791	91179	79	TOYO	SUPR	4M-E 156.4CID	6	156	0	1	1	16	2	740	800	12	12	3000	10.2	3	76	62	29.67	1
8080	800	91379	78	PONT	SUNB	TK 2.5L 820X6EU	4	151	2	4	2	19	2	725	1000	13	14	3000	11.3	3	80	65	29.68	1

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

LOS ANGELES

VEH	RUN	DATE	YR	MAKE	MDL	ENGINE FAMILY	C	CID	V	T	A	FT	CAT	IRPM	IRPMS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TEST
9081	795	91279	79	MAZD	626	9 MAP	4	120	2	1	1	15	2	690	650	7	8	2750	9.4	3	76	60	29.69	1
8082	803	91379	78	CHEV	STAW	RJ 151CID	4	151	2	1	2	15	2	650	650	14	14	3000	10.6	3	77	63	29.75	1
9083	802	91479	79	TOYO	SUPR	4M-E 156.4CID	6	156	0	1	1	16	2	790	800	12	12	3000	10.2	3	82	62	29.70	1
9084	801	91379	79	MAZD	626	9 MAP	4	120	2	1	1	15	2	690	650	8	8	2750	9.6	3	75	61	29.74	1
9085	804	91779	79	VOLV	242D	4 CL	4	130	0	1	1	16	2	925	900	8	8	3000	12.5	3	78	57	29.84	1
9086	796	91279	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	875	700	8	8	2250	9.1	3	74	58	29.72	1
9087	797	91379	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	640	650	8	8	2750	9.4	3	74	59	29.74	1
9088	799	91379	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	750	650	8	8	2750	9.4	3	78	61	29.68	1
9089	805	91779	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	740	650	8	8	2750	9.4	3	79	59	29.81	1
9090	807	91779	79	MAZD	626	9 MAP	4	120	2	1	1	15	2	675	650	8	8	2750	9.4	3	78	57	29.78	1
9091	808	91879	79	MAZD	626	9 MAP	4	120	2	1	2	15	2	700	650	8	8	2750	9.4	3	75	58	29.84	1
9092	798	91379	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	860	700	5	5	2250	9.1	3	75	59	29.74	1
9093	806	91779	79	MAZD	GLC	9UCP	4	86	2	1	2	11	2	690	600	5	5	2250	9.1	3	81	59	29.76	1
9094	813	91879	79	MAZD	626	9 MAP	4	120	2	1	1	15	2	675	650	8	8	2750	9.4	3	77	63	29.77	1
9095	814	91979	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	725	700	5	5	2250	9.1	3	76	60	29.80	1
9096	812	91879	79	MERC	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	625	620	10	10	4500	13.1	3	80	63	29.75	1
9097	834	92679	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	625	620	8	7	4000	12.0	3	75	59	29.92	1
9098	811	91879	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	655	650	8	8	2750	9.6	3	78	60	29.78	1
9099	821	92079	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	8	7	4000	12.0	3	79	64	29.70	1
9100	818	91979	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	600	620	7	7	4000	12.0	3	76	58	29.73	1
9101	816	91979	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	655	620	10	10	4000	12.0	3	80	61	29.70	1
9102	819	92079	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	650	620	8	7	4000	12.0	3	74	62	29.78	1
9103	820	92079	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	630	620	8	7	4000	12.0	3	77	62	29.75	1
9104	823	92079	79	VOLV	264G	6 CL	6	163	0	1	1	16	2	850	900	10	10	3500	12.5	3	74	61	29.77	1
9105	831	92579	79	VOLV	264G	6 CL	6	163	0	1	1	16	2	900	900	10	10	3500	12.5	3	74	58	29.96	1
9106	826	92279	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	620	620	8	7	4000	12.0	3	79	63	29.82	1
9107	825	92279	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	625	620	8	7	4000	12.0	3	76	60	29.87	1
9108	827	92279	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	690	620	8	7	4000	12.0	3	79	60	29.77	1
8109	829	92479	78	VOLV	264G	6 CL	6	163	0	4	1	16	2	925	900	10	10	3500	12.5	3	76	60	29.88	1
9110	833	92579	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	660	620	7	7	4500	13.1	3	75	57	29.88	1
9111	832	92579	79	VOLV	242D	4 CL	4	130	0	4	1	16	2	960	900	5	8	3000	12.5	3	76	58	29.87	1
9112	837	92679	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	630	620	9	7	4000	12.0	3	78	62	29.82	1
9113	836	92679	79	VOLK	CAMP	II	4	120	0	4	1	15	2	880	875	-5	-5	3500	16.0	3	79	61	29.85	1
9114	842	92779	79	VOLV	242D	4 CL	4	130	0	4	1	16	2	900	900	8	8	3000	12.5	3	75	57	29.82	1
9115	840	92779	79	VOLK	STAW	II	4	120	0	4	2	15	2	825	875	-5	-5	3500	15.0	3	75	59	29.88	1
9116	841	92779	79	VOLK	CAMP	II	4	120	0	4	2	15	2	900	875	-5	-5	3500	16.0	3	77	60	29.84	1
9117	838	92679	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	10	7	4000	12.0	3	76	59	29.84	1
9118	843	92779	79	VOLV	242D	4 CL	4	130	0	1	1	16	2	925	900	8	8	3000	12.5	3	72	56	29.85	1
9119	839	92779	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	630	620	9	7	4000	12.0	3	74	58	29.92	1
9120	860	10 379	79	VOLV	244D	4 CL	4	130	0	1	2	16	2	1050	900	8	8	3000	12.5	3	75	59	29.93	1

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

LOS ANGELES

VEH	RUN	DATE	YR	MAKE	MDL	ENGINE FAMILY	C	CID	V	T	A	FT	CAT	IRPM	IRPMS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TEST
8121	850	10 179	78	VOLV	242G	4 CL	4	130	0	4	1	16	2	850	900	12	12	3000	12.5	3	76	58	29.93	1
9122	846	92879	79	VOLV	264G	6 CL	6	163	0	4	1	16	2	925	900	10	10	3500	12.5	3	73	58	29.95	1
9123	845	92879	79	VOLV	244D	4 CL	4	130	0	1	1	16	2	800	900	6	8	3000	12.5	3	72	58	29.87	1
9124	847	92979	79	VOLV	264G	6 CL	6	163	0	1	1	16	2	840	900	10	10	3500	12.5	3	73	57	29.97	1
9125	848	92979	79	VOLV	244D	4 CL	4	130	0	1	1	16	2	650	900	6	8	3000	12.5	3	75	58	29.96	1
9126	851	10 179	79	VOLV	242G	4 CL	4	130	0	4	1	16	2	790	900	8	8	3000	12.5	3	74	57	29.91	1
9127	853	10 179	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	700	700	5	5	2250	9.1	3	72	58	29.92	1
9128	858	10 279	79	MAZD	GLC	9UCP	4	86	2	5	2	11	2	800	700	5	5	2250	9.1	3	76	60	29.84	1
9129	854	10 179	79	VOLV	244D	4 CL	4	130	0	1	1	16	2	1120	900	5	8	3000	12.5	3	73	57	29.94	1
9130	852	10 179	79	MAZD	626	9 MAP	4	120	2	1	1	15	2	650	650	6	8	2750	9.4	3	74	58	29.23	1
9131	855	10 279	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	825	700	5	5	2250	9.1	3	75	57	29.93	1
9132	859	10 279	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	975	700	5	5	2250	9.1	3	72	57	29.88	1
9133	856	10 279	79	MAZD	GLC	9UCP	4	86	2	4	1	11	2	825	700	5	5	2250	9.1	3	76	59	29.89	1
9134	857	10 279	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	725	650	8	8	2750	9.4	3	77	60	29.85	1
9135	865	10 379	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	810	700	5	5	2250	9.1	3	75	59	29.94	1
9136	864	10 379	79	MAZD	GLC	9UCP	4	86	2	5	1	11	2	950	700	6	5	2250	9.1	3	75	59	29.90	1
9137	861	10 379	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	700	650	8	8	2750	9.6	3	74	59	29.94	1
9138	862	10 379	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	780	650	8	8	2750	9.4	3	74	60	29.90	1
9139	863	10 379	79	MAZD	626	9 MAP	4	120	2	5	2	15	2	675	650	8	8	2750	9.4	3	76	60	29.88	1
9140	870	10 479	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	680	700	8	5	2250	9.1	1	75	61	29.96	1
9141	869	10 479	79	MAZD	GLC	9UCP	4	86	2	5	2	11	2	875	700	5	5	2250	9.1	3	77	63	29.91	1
9142	871	10 479	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	675	700	8	5	2250	9.1	3	72	60	29.99	1
9143	872	10 579	79	MAZD	GLC	9UCP	4	86	2	5	2	11	2	810	700	5	5	2250	9.1	3	74	62	29.88	1
9144	867	10 479	79	MAZD	GLC	9UCP	4	86	2	4	1	11	2	825	700	5	5	2250	9.1	3	75	60	29.98	1
8145	868	10 479	78	VOLV	STAW	6 CL	6	163	0	1	1	16	2	880	900	10	10	3500	12.8	3	77	62	29.94	1
9146	875	10 879	79	VOLV	264G	6 CL	6	163	0	4	1	16	2	770	900	8	10	3500	12.5	3	72	60	29.90	1
9147	874	10 579	79	VOLV	264G	6 CL	6	163	0	1	1	16	2	900	900	10	10	3500	12.5	3	72	59	29.93	1
9148	876	10 879	79	VOLV	242D	4 CL	4	130	0	4	2	16	2	1080	900	7	8	3000	12.5	3	74	61	29.87	1
9149	877	10 879	79	VOLV	244D	4 CL	4	130	0	1	2	16	2	750	900	6	8	3000	12.5	3	74	61	29.85	1
9150	878	10 879	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	750	650	7	8	2750	9.4	3	72	60	29.84	1
9151	879	10 879	79	TOYO	SUPR	4M-E	6	156	0	1	1	16	2	550	800	12	12	3000	10.2	3	72	61	29.87	1
9152	891	101179	79	TOYO	SUPR	4M-E	6	156	0	1	1	16	2	625	800	12	12	3000	10.2	3	73	61	30.00	1
9153	885	101079	79	TOYO	SUPR	4M-E	6	156	0	1	1	16	2	910	800	12	12	3000	10.2	3	74	62	30.04	1
9154	880	10 979	79	TOYO	SUPR	4M-E	6	156	0	5	1	16	2	1350	800	12	12	3000	10.2	3	73	60	29.93	1
9155	881	10 979	79	VOLV	244D	4 CL	4	130	0	1	1	16	2	925	900	8	8	3000	12.5	3	74	60	29.91	1
9156	882	10 979	79	TOYO	SUPR	4M-E	6	156	0	1	1	16	2	860	800	12	12	3000	10.2	3	72	61	29.90	1
9157	883	10 979	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	720	650	8	8	2750	9.4	3	73	62	29.96	1
9158	890	101079	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	725	650	8	8	2750	9.4	3	72	63	29.99	1
9159	892	101179	79	MAZD	GLC	9UCP	4	86	2	4	1	11	2	820	700	3	5	2250	9.1	3	73	62	29.99	1
9160	888	101079	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	700	650	8	8	2750	9.4	3	73	63	29.97	1

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

LOS ANGELES

VEH	RUN	DATE	YR	MAKE	MDL	ENGINE FAMILY	C	CID	V	T	A	FT	CAT	IRPM	IRPMS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TEST
9161	889	101079	79	MAZD	GLC	9UCP	4	86	2	5	2	11	2	690	700	5	5	2250	9.1	3	74	63	29.98	1
9162	887	101079	79	MAZD	STAW	9UCP	4	86	2	4	1	12	2	855	700	5	5	2500	9.2	3	74	63	29.97	1
9163	894	101179	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	800	700	6	5	2250	9.1	3	73	63	29.93	1
9164	895	101279	79	MAZD	STAW	9UCP	4	86	2	4	2	12	2	900	700	9	5	2500	9.2	3	72	60	29.87	1
9165	893	101179	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	800	700	5	5	2250	9.1	3	73	62	29.94	1
9166	900	101579	79	MAZD	GLC	9UCP	4	86	2	4	1	11	2	900	700	8	5	2250	9.1	3	74	61	29.95	1
8167	901	101579	78	SAAB	99GL	B1 20 CA	4	121	0	4	1	15	2	900	875	22	20	3000	11.3	3	75	62	29.96	1
9168	896	101379	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	650	620	10	11	4500	13.1	3	75	60	29.87	1
9169	903	101679	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	800	700	5	5	2250	9.1	3	74	60	29.98	1
9170	902	101579	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	925	700	4	5	2250	9.1	3	71	60	29.98	1
9171	897	101379	79	MAZD	STAW	9UCP	4	86	2	1	1	12	2	730	600	5	5	2500	9.2	3	73	61	29.84	1
9172	917	101879	79	MAZD	GLC	9UCP	4	86	2	5	1	11	2	900	700	5	5	2250	9.1	3	76	64	29.86	1
9173	898	101579	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	650	620	8	7	4000	12.0	3	76	62	30.01	1
9174	916	101879	79	MAZD	STAW	9UCP	4	86	2	5	2	12	2	910	700	6	5	2500	9.2	3	75	62	29.89	1
0175	906	101679	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	825	650	10	10	2750	6.6	3	73	61	29.89	1
9176	905	101679	79	MAZD	STAW	9UCP	4	86	2	4	2	12	2	775	700	4	5	2500	9.2	3	73	60	29.90	1
9177	907	101679	79	AUDI	5000	AUDI 5000 CL	5	131	0	1	1	20	2	900	900	0	6	3000	11.8	3	73	61	29.92	1
9178	919	101879	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	660	620	14	11	4500	13.1	3	75	65	29.90	1
0179	910	101779	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	820	700	6	6	3000	7.3	3	75	61	29.88	1
0180	911	101779	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	810	700	9	6	3000	7.3	3	75	62	29.83	1
9181	921	102279	79	MAZD	GLC	9UCP	4	86	2	1	1	11	2	700	600	4	5	2250	9.1	3	76	61	30.01	1
0182	923	102279	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	680	650	4	10	2750	6.6	3	76	65	29.91	1
9183	918	101879	79	TOYO	SUPR	4M-E	6	156	2	1	1	16	2	920	800	12	12	3000	10.2	3	75	63	29.88	1
9184	922	102279	79	MAZD	GLC	9UCP	4	86	2	4	1	11	2	1050	700	4	5	2250	9.1	3	76	66	29.94	1
0185	913	101779	80	OLDS	OMEG	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	775	700	6	6	3000	7.3	3	75	63	29.82	1
0186	914	101779	80	CHEV	CITA	VW 2.8L 01C2XC	6	171	2	1	1	14	2	755	700	5	6	3000	7.3	3	76	62	29.86	1
0187	924	102279	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	800	650	8	10	2750	6.6	3	75	58	29.90	1
9188	935	102479	79	MERC	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	575	620	8	11	4500	13.1	3	73	59	29.85	1
0189	927	102379	80	BUIC	SKYL	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	790	700	5	6	3000	7.3	3	76	60	29.88	1
0190	925	102279	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	700	700	5	6	3000	7.3	3	74	58	29.95	1
0191	929	102379	80	BUIC	SKYL	VW 2.8L 01C2XC	6	171	2	1	1	14	2	775	700	5	6	3000	7.3	3	75	62	29.85	1
0192	926	102379	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	770	700	5	6	3000	7.3	3	75	59	29.92	1
0193	915	101879	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	775	650	10	10	2750	6.6	3	75	62	29.89	1
0194	928	102379	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	810	700	7	6	3000	7.3	3	76	62	29.86	1
0195	942	102479	80	BUIC	SKYL	FJ 2.5L 02X2NC	4	151	2	1	2	14	2	775	650	9	10	3000	7.3	3	74	59	29.89	1
0196	931	102379	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	770	650	9	10	2750	6.6	3	75	59	29.87	1
0197	933	102479	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	700	700	6	7	3000	7.3	3	74	59	29.85	1
9198	934	102479	79	AUDI	5000	AUDI 5000 CL	5	131	0	1	1	20	2	850	900	6	6	3000	11.8	3	74	59	29.84	1
0199	941	102579	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	775	700	7	6	3000	7.3	3	75	61	29.85	1
0200	957	102979	80	PONT	PHOE	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	775	700	4	6	3000	7.3	3	76	56	29.84	1

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

LOS ANGELES

VEH	RUN	DATE	YR	MAKE	MDL	ENGINE FAMILY	C	CID	V	T	A	FT	CAT	IRPM	IRPMS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TEST
0201	970	103179	80	BUIC	SKYL	FH 2.5L 02X2NC	4	151	2	1	1	14	2	800	650	12	10	3000	7.3	3	76	60	29.82	1
0202	938	102579	80	PONT	PHOE	FH 2.5L 02X2NC	4	151	2	1	1	14	2	650	650	12	10	3000	7.3	3	74	60	29.91	1
0203	960	102979	80	OLDS	OMEG	FH 2.5L 02X2NC	4	151	2	1	1	14	2	700	650	9	10	3000	7.3	3	76	57	29.84	1
0204	964	103079	80	OLDS	OMEG	P6 2.5L 02X2NC	4	151	2	1	1	14	2	880	650	8	10	3000	7.3	3	76	53	29.88	1
0205	965	103079	80	CHEV	CITA	VW 2.8L 01C2XC	6	171	2	1	1	14	2	750	700	6	6	3000	7.3	3	76	53	29.87	1
0206	961	102979	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	725	700	5	6	3000	7.3	3	75	53	29.89	1
0207	967	103079	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	780	700	11	6	3000	7.3	3	76	56	29.87	1
0208	968	103079	80	CHEV	CITA	FJ 2.5L 02X2NC	4	151	2	1	2	14	2	770	650	9	10	2750	6.6	3	73	56	29.87	1
9209	979	11 179	79	TOYO	SUPR	4M-E	6	156	0	5	1	16	2	800	800	12	12	3000	10.2	3	77	61	29.92	1
0210	971	103179	80	BUIC	SKYL	FH 2.5L 02X2NC	4	151	2	1	1	14	2	760	650	10	10	3000	7.3	3	77	60	29.80	1
9211	975	11 179	79	TOYO	SUPR	4M-E	6	156	0	1	1	16	2	750	800	12	12	3000	10.2	3	75	60	29.93	1
9212	976	11 179	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	850	650	8	8	2750	9.4	3	76	60	29.87	1
0213	974	103179	80	OLDS	OMEG	FH 2.5L 02X2NC	4	151	2	1	1	14	2	725	650	8	10	3000	7.3	3	71	60	29.85	1
0214	972	103179	80	CHEV	CITA	P7 2.5L 02X2NC	4	151	2	1	2	14	2	800	650	9	10	2750	6.6	3	76	60	29.81	1
9215	986	11 579	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	690	620	8	11	4500	13.1	3	76	60	29.88	1
9216	987	11 579	79	FORD	LTD	NO DECAL	8	351	2	1	1	19	2	600	620	9	15	4000	12.0	3	75	61	29.89	1
9217	992	11 679	79	TOYO	SUPR	4M-E	6	156	0	5	1	16	2	775	800	12	12	3000	10.2	3	76	62	29.84	1
0218	994	11 679	80	CHEV	CITA	VW 2.8L 01C2XC 0B61	6	171	2	1	1	14	2	750	700	3	6	3000	7.3	3	76	63	29.86	1
0219	995	11 679	80	CHEV	CITA	FH 2.5L 02X2NC 0B6-	4	151	2	1	1	14	2	700	650	8	10	2750	6.6	3	75	63	29.87	1
0220	997	11 779	80	PONT	PHOE	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	875	700	16	6	3000	7.3	3	75	62	29.82	1
0221	1007	11 879	80	PONT	PHOE	P6 2.5L 02X2NC	4	151	2	1	1	14	2	625	650	9	10	3000	7.3	3	75	62	29.98	1
9222	1000	11 779	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	8	11	4500	13.1	3	77	65	29.79	1
9223	999	11 779	79	AUDI	5000	AUDI 5000 CL	5	131	0	1	1	20	2	1025	900	6	6	3000	11.8	3	75	64	29.74	1
9224	1004	11 879	79	TOYO	SUPR	4M-E	6	156	0	5	1	16	2	725	800	12	12	3000	10.2	3	76	62	29.83	1
9225	1005	11 879	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	650	620	7	6	4000	12.0	3	74	61	29.84	1
9226	1006	11 879	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	675	620	8	8	4000	12.0	3	74	62	29.87	1
0227	1009	11 979	80	PONT	PHOE	FH 2.5L 02X2NC	4	151	2	1	1	14	2	800	650	10	10	3000	7.3	3	74	61	29.88	1
9228	1003	11 879	79	MERC	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	630	620	8	11	4500	13.1	3	75	62	29.84	1
0229	1010	11 979	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	725	650	11	10	2750	6.6	3	76	62	29.89	1
9230	1013	111079	79	TOYO	SUPR	4M-E	6	156	0	1	1	16	2	750	800	12	12	3000	10.2	3	74	62	29.89	1
0231	1008	11 979	80	CHEV	CITA	FJ 2.5L 02X2NC	4	151	2	1	2	14	2	750	650	10	10	2750	6.6	3	72	60	29.86	1
0232	1011	111079	80	PONT	PHOE	P6 2.5L 02X2NC	4	151	2	1	1	14	2	725	650	10	10	3000	7.3	3	75	62	29.96	1
0233	1012	111079	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	775	650	10	10	2750	6.6	3	76	62	29.92	1
9234	1016	111279	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	590	620	8	11	4000	12.0	3	76	60	30.00	1
0235	1019	111279	80	CHEV	CITA	VW 2.8L 01C2XC 0B61	6	171	2	1	1	14	2	750	700	4	6	3000	7.3	3	75	63	29.97	1
9236	1022	111379	79	TOYO	SUPR	4M-E	6	156	0	1	1	16	2	720	800	12	12	3000	10.2	3	77	60	29.89	1
0237	1027	111479	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	725	700	16	6	3000	7.3	3	76	60	29.85	1
0238	1020	111279	80	PONT	PHOE	FH 2.5L 02X2NC 0B6-	4	151	2	1	1	14	2	825	650	12	10	3000	7.3	3	75	62	30.00	1
0239	1030	111579	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	700	700	4	6	3000	7.3	3	76	60	30.00	1
9240	1023	111379	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	8	11	4500	13.1	3	75	59	29.89	1

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

LOS ANGELES

VEH	RUN	DATE	YR	MAKE	MDL	ENGINE FAMILY	C	CID	V	T	A	FT	CAT	IRPM	IRPMS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TEST
9241	1025	111479	79	VOLV	242G	4 CL	4	130	0	4	1	16	2	900	900	8	8	3000	12.5	3	76	61	29.92	1
0242	1028	111479	80	PONT	PHOE	FH 2.5L 02X2NC 0B6-	4	151	2	1	1	14	2	675	650	10	10	3000	7.3	3	74	63	29.89	1
0243	1029	111479	80	CHEV	CITA	FJ 2.5L 02X2NC 0B6-	4	151	2	1	2	14	2	825	650	10	10	2750	6.6	3	74	62	29.91	1
0244	1033	111579	80	BUIC	SKYL	FH 2.5L 02X2NC	4	151	2	1	1	14	2	720	650	8	10	3000	7.3	3	74	62	29.96	1
9245	1026	111479	79	VOLV	244D	4 CL	4	130	0	4	1	16	2	900	900	6	8	3000	12.5	3	76	59	29.88	1
0246	1034	111579	80	PONT	PHOE	FH 2.5L 02X2NC 0B6-	4	151	2	1	1	14	2	725	650	8	10	3000	7.3	3	74	61	30.01	1
9247	1035	111579	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	580	620	8	11	4500	13.1	3	76	62	30.03	1
0248	1032	111579	80	CHEV	CITA	FJ 2.5L 02X2NC 0B6-	4	151	2	1	2	14	2	780	650	9	10	2750	6.6	3	77	63	29.97	1
9249	1040	111779	79	MAZD	626	9 MAP	4	120	2	1	1	15	2	675	650	8	8	2750	9.4	1	75	65	29.87	1
9250	1038	111779	79	VOLV	242D	4 CL	4	130	0	4	2	16	2	950	900	8	8	3000	12.5	3	77	65	29.92	1
9251	1037	111679	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	8	7	4000	12.0	3	75	64	29.89	1
0252	1045	111979	80	BUIC	SKYL	FH 2.5L 02X2NC	4	151	2	1	1	14	2	740	650	7	10	3000	7.3	3	77	62	30.07	1
9253	1043	111879	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	610	620	8	11	4000	12.0	3	74	62	29.95	1
9254	1042	111779	79	MAZD	626	9 MAP	4	120	2	1	1	15	2	710	650	8	8	2750	9.6	3	74	64	29.88	1
9255	1049	111979	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	660	620	8	7	4000	12.0	3	74	62	30.09	1
9256	1048	111979	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	620	620	7	7	4000	12.0	3	73	60	30.03	1
9257	1053	112079	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	660	620	8	11	4500	13.1	3	73	61	30.25	1
0258	1046	111979	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	740	700	5	6	3000	7.3	3	76	61	30.03	1
9259	1052	112079	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	720	650	8	8	2750	9.4	3	72	61	30.19	1
0260	1047	111979	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	700	700	5	6	3000	7.3	3	74	59	30.02	1
9261	1050	112079	79	TOYO	SUPR	4M-E	6	156	0	5	1	16	2	825	800	12	12	3000	10.2	3	75	59	30.18	1
9262	1051	112079	79	TOYO	SUPR	4M-E	6	156	0	1	1	16	2	675	800	12	12	3000	10.2	3	71	58	30.17	1
9263	1055	112179	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	975	700	5	5	2250	9.1	3	77	63	30.24	1
9264	1054	112179	79	TOYO	SUPR	4M-E	6	156	0	1	1	16	2	875	800	12	12	3000	10.2	3	76	63	30.34	1
9265	1063	112779	79	VOLV	STAW	4 CL	4	130	0	1	2	16	2	775	900	8	8	3500	12.8	3	77	64	30.02	1
9266	1059	112679	79	MAZD	STAW	9UCP	4	86	2	5	2	12	2	850	700	5	5	2500	9.2	3	74	62	29.92	1
9267	1060	112679	79	MAZD	GLC	9UCP	4	86	2	5	1	11	2	925	700	10	5	2250	9.1	3	76	62	29.94	1
9268	1057	112679	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	825	700	5	5	2250	9.1	3	76	62	29.88	1
9269	1058	112679	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	825	700	5	5	2250	9.1	3	75	62	29.88	1
9270	1056	112679	79	VOLV	244D	4 CL	4	130	0	1	1	16	2	925	900	8	8	3000	12.5	3	77	63	29.90	1
9271	1062	112779	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	680	620	8	7	4000	12.0	3	77	64	30.05	1
9272	1061	112779	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	800	700	5	5	2250	9.1	3	76	62	30.06	1
0273	1064	112779	80	BUIC	SKYL	FH 2.5L 02X2NC	4	151	2	1	1	14	2	750	650	8	10	3000	7.3	3	76	63	30.04	1
0274	1065	112779	80	PONT	PHOE	FH 2.5L 02X2NC	4	151	2	1	1	14	2	735	650	9	10	3000	7.3	3	77	63	30.06	1
9275	1069	112879	79	SAAB	900T	BS1 20 CA	4	121	0	4	1	15	2	1000	875	19	20	3000	11.6	3	74	61	30.04	1
9276	1066	112879	79	MAZD	STAW	9UCP	4	86	2	4	1	12	2	890	700	5	5	2500	9.2	3	76	60	30.09	1
9277	1067	112879	79	MAZD	GLC	9UCP	4	86	2	5	1	11	2	910	700	5	5	2250	9.1	3	77	61	30.04	1
0278	1068	112879	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	750	650	10	10	2750	6.8	3	76	62	30.04	1
9279	1070	112879	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	635	620	8	11	4500	13.1	3	77	62	30.07	1
0280	1073	112979	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	780	650	9	10	2750	6.6	3	77	58	29.99	1

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

LOS ANGELES

VEH	RUN	DATE	YR	MAKE	MDL	ENGINE FAMILY	C	CID	V	T	A	FT	CAT	IRPM	IRPMS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TEST
9281	1071	112979	79	MAZD	STAW	9UCP	4	86	2	5	2	12	2	1010	700	2	5	2500	9.2	3	76	58	30.08	1
9282	1072	112979	79	VOLK	STAW	II	4	120	0	1	2	15	2	950	925	-5	-5	3500	15.0	3	76	57	30.01	1
0283	1076	113079	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	725	650	10	10	2750	6.6	3	77	63	30.00	1
0284	1074	112979	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	820	650	10	10	2750	6.6	3	74	57	30.01	1
0285	1080	12 379	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	725	650	10	10	2750	6.6	3	77	60	30.19	1
9286	1094	12 579	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	670	620	8	11	4500	13.1	3	77	60	29.82	1
9287	1079	12 179	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	650	620	8	8	4000	12.0	3	76	58	29.94	1
9288	1078	12 179	79	FORD	LTD	5.8W BV 2TT99X95	8	351	2	1	1	19	2	720	620	8	8	4000	12.0	3	76	56	29.99	1
9289	1077	12 179	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	8	8	4000	12.0	3	76	57	30.03	1
9290	1090	12 479	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	635	620	8	7	4000	12.0	3	73	62	30.02	1
0291	1081	12 379	80	BUIC	SKYL	FH 2.5L 02X2NC	4	151	2	1	1	14	2	825	650	10	10	3000	7.3	3	78	65	30.13	1
9292	1087	12 479	79	MAZD	STAW	9UCP	4	86	2	4	2	12	2	925	700	5	5	2500	9.2	3	78	59	30.07	1
9293	1083	12 379	79	MAZD	626	9 MAP	4	120	2	1	1	15	2	650	650	8	8	2750	9.4	3	76	65	30.14	1
9294	1082	12 379	79	MAZD	GLC	9UCP	4	86	2	4	1	11	2	900	700	5	5	2250	9.1	3	76	64	30.12	1
0295	1091	12 579	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	725	700	6	6	3000	7.3	3	77	60	29.90	1
9296	1088	12 479	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	675	620	8	7	4000	12.0	3	75	58	30.01	1
9297	1086	12 479	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	600	620	8	11	4500	13.1	3	77	60	30.10	1
9298	1089	12 479	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	600	620	8	11	4500	13.1	3	73	58	30.03	1
9299	1098	12 679	79	MAZD	GLC	9UCP	4	86	2	4	2	11	2	900	700	5	5	2250	9.1	3	75	56	29.76	1
9300	1095	12 579	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	650	620	8	7	4000	12.0	3	74	59	29.83	1
0301	1109	121079	80	BUIC	SKYL	P7 2.5L 02X2NC	4	151	2	1	2	14	2	725	650	8	10	3000	7.3	3	76	62	29.87	1
9302	1099	12 679	79	MERC	MARQ	5.8W BV 2TT95X95	8	351	2	1	1	19	2	625	620	8	11	4000	12.0	3	76	57	29.76	1
9303	1093	12 579	79	MAZD	STAW	9UCP	4	86	2	1	1	12	2	790	600	5	5	2500	9.2	3	76	60	29.81	1
0304	1096	12 679	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	1000	700	6	6	3000	7.3	3	77	58	29.80	1
0305	1097	12 679	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	725	700	5	6	3000	7.3	3	78	57	29.72	1
0306	1125	121379	80	PONT	PHOE	FH 2.5L 02X2NC	4	151	2	1	1	14	2	760	650	10	10	3000	7.3	3	76	58	30.11	1
0307	1106	121079	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	875	700	8	6	3000	7.3	3	77	63	29.96	1
0308	1101	12 779	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	850	700	6	6	3000	7.3	3	77	59	29.84	1
0309	1103	12 879	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	775	700	6	6	3000	7.3	3	75	60	30.04	1
0310	1126	121379	80	BUIC	SKYL	FH 2.5L 02X2NC	4	151	2	1	1	14	2	675	650	7	10	3000	7.3	3	75	58	30.07	1
9311	1104	12 879	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	760	620	8	8	4000	12.0	3	76	63	30.00	1
9312	1105	12 879	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	8	8	4000	12.0	3	77	64	30.00	1
0313	1108	121079	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	800	650	10	10	2750	6.6	3	79	63	29.88	1
0314	1113	121179	80	CHEV	CITA	FH 2.5L 02X2NC 0B6-	4	151	2	1	1	14	2	750	650	10	10	2750	6.6	3	76	60	29.82	1
9315	1114	121179	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	8	7	4000	12.0	3	75	57	29.83	1
9316	1110	121079	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	600	620	8	7	4000	12.0	3	74	60	29.86	1
9317	1128	121379	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	725	620	8	11	4500	13.1	3	73	58	30.12	1
0318	1121	121279	80	CHEV	CITA	VW 2.8L 01C2XC 0B6-	6	171	2	1	1	14	2	900	700	4	6	3000	7.3	3	73	56	29.98	1
0319	1112	121179	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	700	700	6	6	3000	7.3	3	76	60	29.86	1
0320	1116	121179	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	750	700	8	6	3000	7.3	3	75	48	29.95	1

APPENDIX A

LISTING OF VEHICLE AND TEST PARAMETERS

LOS ANGELES

VEH	RUN	DATE	YR	MAKE	MDL	ENGINE FAMILY	C	CID	V	T	A	FT	CAT	IRPM	IRPMS	IGN	IGNS	INRT	RLHP	L	DB	WB	BAROM	TEST
0321	1121	121279	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	925	700	6	6	3000	7.3	3	74	56	30.00	1
0322	1117	121279	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	700	700	-2	6	3000	7.3	3	78	56	30.03	1
0323	1118	121279	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	700	700	4	6	3000	7.3	3	77	56	29.96	1
0324	1119	121279	80	CHEV	CITA	VW 2.8L 01C2XC 0B6-	6	171	2	1	1	14	2	825	700	6	6	3000	7.3	3	77	55	29.94	1
0325	1129	121379	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	700	700	6	6	3000	7.3	3	74	57	30.15	1
0326	1130	121479	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	800	700	4	6	3000	7.3	3	76	53	29.99	1
0327	1123	121379	80	BUIC	SKYL	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	650	700	4	6	3000	7.3	3	73	55	30.15	1
0328	1131	121479	80	OLDS	OMEG	VW 2.8L 01C2XC	6	171	2	1	1	14	2	700	700	4	6	3000	7.3	3	75	55	29.99	1
9329	1127	121379	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	8	7	4000	12.0	3	75	58	30.08	1
9330	1132	121479	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	650	620	8	11	4500	13.1	3	76	56	30.03	1
9331	1137	121779	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	570	620	8	11	4500	13.1	3	77	58	30.03	1
9332	1136	121779	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	650	620	8	11	4500	13.1	3	76	57	30.09	1
0333	1133	121579	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	875	700	6	6	3000	7.3	3	74	52	30.03	1
0334	1134	121579	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	700	700	6	6	3000	7.3	3	77	53	29.93	1
0335	1135	121579	80	CHEV	CITA	AD 2.8L 01C2XCP	6	171	2	1	1	14	2	710	700	6	6	3000	7.3	3	77	52	29.93	1
0336	1142	121879	80	BUIC	SKYL	FH 2.5L C2X2NC	4	151	2	1	1	14	2	860	650	8	10	3000	7.3	3	76	62	30.03	1
9337	1138	121779	79	VOLK	STAW	II	4	120	2	4	1	15	2	950	875	-7	-5	3500	15.0	3	77	59	30.00	1
9338	1139	121779	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	700	620	8	7	4000	12.0	3	74	59	30.02	1
9339	1140	121779	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	675	620	8	7	4000	12.0	3	75	58	30.03	1
9340	1141	121479	79	TOYO	SUPR	4M-E	6	156	2	1	1	16	2	825	800	14	12	3000	10.2	3	74	57	30.03	1
9341	1150	121979	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	590	620	10	7	4000	12.0	3	75	64	29.96	1
9342	1148	121979	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	575	620	8	7	4000	12.0	3	78	66	30.07	1
0343	1143	121879	80	CHEV	CITA	F7 2.5L 02X2NC	4	151	2	1	2	14	2	725	650	10	10	2750	6.6	3	76	63	30.01	1
9344	1153	121979	79	FORD	STAW	5.8W BV 2TT95X95	8	351	2	1	1	19	2	640	620	10	11	4500	13.1	3	73	64	30.03	1
9345	1151	121979	79	MAZD	626	9 MAP	4	120	2	5	1	15	2	775	650	8	8	2750	9.6	3	74	64	29.95	1
9346	1152	121979	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	600	620	8	7	4000	12.0	3	76	65	30.00	1
0347	1144	121879	80	CHEV	CITA	AD 2.8L 01C2XCP 0B6	6	171	2	1	1	14	2	700	700	4	6	3000	7.3	3	77	63	29.94	1
9348	1149	121979	79	FORD	LTD	5.8W BV 2TT95X95	8	351	2	1	1	19	2	600	620	7	7	4000	12.0	3	75	65	30.03	1
0349	1145	121879	80	CHEV	CITA	FH 2.5L 02X2NC	4	151	2	1	1	14	2	775	650	10	10	2750	6.6	3	74	63	29.94	1
0350	1154	122079	80	CHEV	CITA	VW 2.8L 01C2XC	6	171	2	1	1	14	2	700	700	5	6	3000	7.3	3	77	66	30.07	1

APPENDIX B - LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

Legend

VEH	-	Vehicle Number
YR	-	Model Year
MAKE	-	Vehicle Make
MODL	-	Vehicle Model
VIN	-	Vehicle Identification Number
ODOM	-	True Mileage
N	-	Purchased New or Used (1: New; 2: Used)
Y	-	Yearly Vehicle Miles Traveles (1: 0-5,000; 2: 5,001-10,000; 3: 10,000-15,000; 4: 15,001-20,000; 5: 20,001-30,000; 6: over 30,000)
C	-	Major City Street Driving (1: all; 2: most; 3: some; 4: little/none)
E	-	Rural Expressway Driving (1: all; 2: most; 3: some; 4: little/none)
S	-	Rural Road Driving (1: all; 2: most; 3: some; 4: little/none)
W	-	Driving to and from Work (1: all; 2: most; 3: some; 4: little/none)
G	-	Shopping (1: all; 2: most; 3: some; 4: little/none)
B	-	Business not to and from Work (1: all; 2: most; 3: some; 4: little/none)
V	-	Social, Vacation, etc. (1: all; 2: most; 3: some; 4: little/none)
TD	-	Number of Trips made on a Typical Day (one trip is defined as starting the engine, traveling some distance and stopping the engine).
W	-	Number of Wide Open Throttle accelerations used per week (1: seldom; 2: once or twice; 3: 3-6 times; 4: Everyday)
H	-	Hard Starting (1: Yes; 2: No)
ST	-	Stalling (1: Yes; 2: No)

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APPENDIX B - (CONTINUED) LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

R	-	Rough Idle (1: Yes; 2: No)
M	-	Engine Misfiring (1: Yes; 2: No)
A	-	Poor Acceleration (1: Yes; 2: No)
SB	-	Stumbling (1: Yes; 2: No)
DS	-	Dieseling (1: Yes; 2: No)
LO	-	Date of Last Oil change (1: too new; 2: due but not done; 3: 0-6 mos; 4: 6-12 mos; 5: Over 1 year; 6: don't know)
LT	-	Last Tune Up (1: too new; 2: due but not done; 3: 0-6 mos; 4: 6-12 mos; 5: over 1 year; 6: don't know)
MAR	-	Vehicle maintained Manufacturer's Recommended Specifications (1: yes; 2: no; 3: not sure; 4: don't know)
NW	-	Number of Warranty repairs (1: no warranty; 2: never returned; 3: Once; 4: twice; 5: 3 or more; 6: don't know)
PB	-	Was vehicle returned for Performance Problems (1: yes; 2: no problems)
UL	-	Unleaded fuel required (1: Yes; 2: No)
L	-	Number of times Leaded fuel was used (1: not required; 2: never; 3: seldom; 4: Occasionally; 5: Frequently; 6: don't know)
H2S	-	Have you or others noticed a Hydrogen Sulfide (rotten eggs) odor in this vehicle's exhaust? (1: never; 2: seldom; 3: occasionally; 4: frequently; 5: don't know)
U	-	Vehicle operated 50% of the time on unpaved roads, in competitive events, or in hauling or transporting loads heavier than for which it was designed (1: yes; 2: no; 3: don't know)
D	-	Has vehicle ever had major damage to: a) cooling system; b) engine; c) fuel tank; d) exhaust system; e) no damage; f) don't know (1: yes; 2: no)
MD	-	Altered engine and/or exhaust components (1: yes; 2: no)

APPENDIX B

LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

LOS ANGELES

VEH	YR	MAKE	MODEL	VIN	ODOM	N	Y	C	E	S	W	G	B	V	TO	W	H	ST	R	M	A	SB	DS	LO	LT	MAR	NW	PB	UL	L	H2S	U	D	MD
8001	78	VOLV	262C	26265LD002864	35279	1	6	3	4	4	2	3	3	4	8	3	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	1
8002	78	VOLV	264G	26465L1052242	19979	1	4	2	4	4	3	3	3	3	4	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9003	79	CADI	SEVI	6S69B99467441	9069	1	3	3	4	4	4	3	4	1	4	4	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
8004	78	VOLV	264G	26465L1050540	22991	1	4	3	4	4	3	3	3	3	6	4	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
8005	78	VOLV	264G	26465L1048169	14829	1	3	3	4	4	4	1	4	3	4	1	2	2	2	2	2	2	3	1	1	3	2	2	1	2	1	2	222212	2
8006	78	FORD	PINT	8R10Y137733	9197	1	3	2	4	4	2	3	4	4	4	4	2	2	2	2	2	2	1	3	2	3	3	2	1	2	1	2	222212	2
9007	79	FORD	PINT	9T10Y185483	8338	1	3	3	4	4	3	3	3	3	4	1	2	2	2	2	2	2	1	3	3	1	3	2	1	2	1	2	222212	2
9008	79	TOYO	SUPR	MA46006285	3461	1	3	3	4	4	1	3	4	4	4	2	2	2	2	2	2	2	2	3	6	1	3	2	1	2	1	2	222212	2
9009	79	FORD	PINT	9T11Y105872	12378	1	5	3	4	4	1	4	4	3	2	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9010	79	FORD	PINT	9T11Y149087	4643	1	3	3	4	4	1	4	4	3	6	4	2	2	2	2	2	2	2	3	1	1	5	2	1	2	1	2	222212	2
8011	78	FORD	PINT	8R11Y127822	11209	1	3	3	4	4	2	3	4	4	2	1	2	2	2	2	2	2	2	2	2	1	3	2	1	2	1	2	222212	2
8012	78	FORD	PINT	8R10Y121452	28859	1	3	3	4	4	2	3	4	4	3	4	2	2	2	2	1	2	2	4	3	1	2	2	1	2	1	2	222212	2
8013	78	VOLV	264G	26465L1047486	28253	1	4	3	4	4	3	3	3	3	3	1	2	2	2	2	2	2	2	3	3	1	5	2	1	2	1	2	222212	2
9014	79	VOLV	244D	24445M1372688	27958	1	5	3	4	4	4	4	1	3	10	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	1	222212	2
8015	78	FORD	STAW	8R12Y147604	25980	1	4	3	4	4	3	1	4	4	2	4	2	2	2	2	2	2	2	3	3	2	5	2	1	2	2	2	222212	2
8016	78	FORD	PINT	8R11Y136679	13653	1	2	1	4	4	2	3	4	3	6	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	1	2	222212	2
8017	78	FORD	PINT	8R10Y141641	14002	1	3	3	4	4	2	3	4	4	2	1	2	2	2	2	1	2	2	3	3	2	2	2	1	2	1	2	222212	2
8018	78	FORD	PINT	8R10Y120535	18571	1	3	1	4	4	2	3	4	3	4	1	2	2	2	2	2	2	2	3	3	2	5	2	1	2	1	2	222212	2
8019	78	FORD	PINT	8R10Y128744	6337	1	2	1	4	4	4	1	4	3	2	1	2	2	2	2	2	2	2	4	2	1	2	2	1	2	1	2	222212	2
8020	78	FORD	PINT	8R10Y113319	11725	1	3	2	4	4	1	3	4	4	3	2	2	2	2	2	2	1	2	6	2	3	2	2	1	2	1	2	222212	2
8021	78	FORD	STAW	8R12Y101911	39156	1	4	3	4	4	1	4	4	3	3	1	2	2	1	2	1	1	2	3	3	2	2	2	1	2	2	2	222212	2
8022	78	FORD	PINT	8R10Y145679	27809	1	5	2	4	4	2	3	2	4	10	4	2	2	1	2	2	2	2	3	2	3	2	2	1	2	1	2	222212	2
8023	78	FORD	PINT	8R11Y127122	16322	1	3	3	4	4	1	4	4	3	2	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
8024	78	FORD	PINT	8R11Y153080	14029	1	3	2	4	4	4	1	4	3	2	1	2	2	1	2	1	2	2	3	3	1	2	2	1	2	1	2	222212	2
8025	78	FORD	PINT	8R10Y112183	17286	1	4	2	4	4	2	2	4	4	4	1	2	2	2	1	2	2	2	3	3	1	5	1	1	2	1	1	221222	2
8026	78	FORD	STAW	8R12Y121259	26021	1	5	3	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	3	3	1	3	1	1	2	1	2	222212	2
9027	79	VOLV	244D	24445M1406753	8691	1	2	1	4	4	1	3	4	4	10	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
8028	78	FORD	PINT	8R10Y101269	15926	1	3	3	4	4	3	4	1	4	6	1	2	2	1	2	2	2	2	3	3	1	3	2	1	2	1	2	222122	2
8029	78	FORD	PINT	8R11Y117316	11648	1	2	2	4	4	1	3	4	4	2	1	2	2	2	2	2	2	2	3	2	1	5	2	1	2	1	2	222212	2
9030	79	MAZD	GLC	FA4U5547054	9440	1	4	2	4	4	1	3	4	3	4	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
8031	78	FORD	PINT	8R10Y115937	14227	1	3	1	4	4	2	3	4	3	2	2	2	1	1	2	2	2	2	3	2	1	5	2	1	2	1	2	222212	2
8032	78	FORD	PINT	8R11Y159710	14556	1	3	2	4	4	3	3	3	3	4	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
8033	78	VOLV	264G	26465L1052793	15793	1	3	4	4	4	3	3	3	3	6	3	2	2	2	2	2	2	2	3	3	1	6	2	1	2	1	2	222212	2
9034	79	MERC	MARQ	9Z64H608514	7837	1	2	2	4	4	3	3	3	2	1	1	2	1	2	1	1	2	2	3	1	1	5	2	1	2	1	2	222212	2
8035	78	FORD	STAW	8R12Y153066	18993	1	4	3	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	4	3	1	2	2	1	2	1	2	222212	2
9036	79	MAZD	GLC	FAHUS533651	7902	1	4	3	4	4	2	3	4	3	4	2	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9037	79	MERC	MARQ	9Z63H670766	18733	1	6	3	4	4	2	4	2	4	8	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9038	79	MAZD	GLC	FA4US533598	5067	1	3	1	4	4	1	3	4	4	2	2	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
8039	78	FORD	PINT	8R10Y112870	19979	1	3	2	4	4	4	1	4	3	4	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9040	79	TOYO	SUPR	MA46005129	6971	1	4	3	4	4	3	3	3	3	6	1	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2

APPENDIX B

LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

LOS ANGELES

VEH	YR	MAKE	MODEL	VIN	ODOM	N	Y	C	E	S	W	G	B	V	TD	W	H	ST	R	M	A	SB	DS	LO	LT	MAR	NW	PB	UL	L	H2S	U	D	MD
9041	79	MERC	MARQ	9Z66H647372	7860	1	3	3	3	3	3	3	3	3	4	4	2	2	2	2	2	2	2	3	3	1	5	1	1	2	4	2	222212	2
0042	80	CHEV	CITA	1X087A6107992	1783	1	6	3	4	4	4	3	4	2	8	1	2	2	2	2	2	1	2	1	1	1	2	2	1	2	1	2	222212	2
8043	78	SAAB	99L	99782003885	19179	1	3	1	4	4	1	4	4	3	2	2	2	2	2	2	2	2	2	3	6	1	2	2	1	2	1	2	222122	2
0044	80	CHEV	CITA	1X685AW126666	5017	1	3	3	4	4	2	3	3	3	4	4	2	2	2	2	2	2	2	3	1	1	3	2	1	2	2	2	222212	2
8045	78	FORD	PINT	8R10Y128923	24781	1	4	4	4	4	1	3	3	3	4	1	2	2	2	2	1	1	1	3	3	1	2	2	1	2	2	1	222212	2
9046	79	CHEV	MONZ	1M07197161681	7885	1	3	3	4	4	2	4	4	2	4	1	2	2	2	2	2	2	1	3	1	1	3	2	1	2	4	2	222212	2
9047	79	MAZD	GLC	FA4US528875	11073	1	4	3	4	4	1	3	4	4	4	1	1	2	1	2	2	2	2	3	3	1	3	1	1	3	1	2	222212	2
8048	78	FORD	PINT	8R11Y114153	24850	1	3	2	4	4	4	3	4	2	3	1	2	2	2	2	2	2	2	3	4	1	3	2	1	2	1	2	222222	2
9049	79	MAZD	GLC	FA4UV513034	7722	1	3	1	4	4	1	3	4	3	6	1	2	2	2	2	2	2	2	2	1	1	2	2	1	2	1	2	222212	2
9050	79	MAZD	STAW	FAUUV504897	4727	1	3	3	4	4	1	3	4	4	2	4	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9051	79	CHEV	MONZ	1M07197144869	11907	1	4	3	4	4	4	3	3	1	4	1	2	2	2	2	2	2	2	3	2	1	3	1	1	2	1	2	222212	2
9052	79	PONT	SUNB	2M07197544733	7213	1	4	3	4	4	1	3	3	4	2	4	1	2	2	2	1	1	2	3	1	1	5	1	1	2	1	2	222122	2
9053	79	CHEV	MONZ	1M07197172816	8583	1	3	3	4	4	2	4	4	3	6	4	2	2	1	2	2	2	2	2	3	2	5	2	1	2	4	2	222212	2
8054	78	PONT	SUNB	2E2718U557625	10142	1	2	2	4	4	3	3	4	2	6	3	2	2	2	2	2	2	2	3	2	3	4	1	1	2	3	2	222212	2
8055	78	PONT	SUNB	2M2718U553854	27014	1	5	3	4	4	1	3	4	3	3	2	2	2	2	2	2	2	1	3	3	1	3	2	1	2	1	2	222212	2
9056	79	MAZD	GLC	FA4US514879	7673	1	3	3	4	4	2	3	4	3	2	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9057	79	MERC	MARQ	9Z66H678052	8207	1	4	3	4	4	3	4	1	4	2	1	2	2	1	2	2	2	2	3	1	1	3	1	1	2	1	2	222212	2
8058	78	PONT	SUNB	2M0718U580763	8387	1	3	1	4	4	2	3	4	3	2	1	2	2	2	2	2	2	2	3	1	1	4	2	1	2	1	2	222212	2
8059	78	CHEV	MONZ	1M1518U142911	5072	1	1	1	4	4	1	3	4	4	2	1	2	2	2	2	1	2	2	3	2	1	5	2	1	2	1	2	222212	2
9060	79	CHEV	MONZ	1M27197162830	12835	1	4	2	4	4	2	3	3	4	4	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9061	79	PONT	SUNB	2M07197527882	8086	1	3	2	4	4	1	3	3	4	3	4	2	2	2	2	1	2	2	3	3	1	5	1	1	2	1	2	121222	2
8062	78	CHEV	MONZ	1M0718U140103	25601	1	3	3	4	4	1	3	4	4	2	3	2	2	2	2	2	2	2	6	6	1	6	2	1	2	1	2	222212	2
8063	78	CHEV	MONZ	1M2718U205816	7851	1	2	3	4	4	2	3	3	3	8	2	2	2	1	2	2	2	2	3	3	1	3	2	1	2	3	2	222212	2
9064	79	MAZD	STAW	FA4UV515834	5945	1	4	3	4	4	4	3	4	1	4	1	2	2	2	2	2	2	2	1	1	1	4	2	1	2	1	2	222212	2
8065	78	FORD	PINT	8R11Y107517	16394	1	3	3	4	4	1	3	4	4	4	3	2	2	2	2	2	2	2	3	3	1	5	2	1	2	1	2	222212	2
9066	79	CHEV	MONZ	1M27197160601	15826	1	6	3	4	4	1	3	4	4	2	3	2	2	2	2	2	2	2	3	2	1	5	2	1	2	1	2	222212	2
9067	79	PONT	SUNB	2M27197536081	2631	1	3	1	4	4	1	3	4	3	2	1	2	2	2	2	1	2	2	1	1	1	3	2	1	2	1	2	222212	2
9068	79	CHEV	MONZ	1M07197153810	9066	1	4	3	4	4	1	3	4	4	4	4	2	2	2	2	2	2	1	3	3	1	2	2	1	3	1	2	222212	2
9069	79	VOLV	264G	26465M1066018	12819	1	3	1	4	4	2	3	2	4	6	1	2	2	1	1	2	2	2	3	3	1	3	2	1	2	1	1	222212	2
9070	79	PONT	SUNB	2E27197530664	4668	1	2	3	4	4	4	2	4	2	2	1	2	2	2	2	2	2	1	3	6	1	3	2	1	2	4	2	222212	2
8071	78	CHEV	MONZ	1M0718U197275	17832	1	4	3	4	4	2	3	4	3	2	2	2	2	2	2	2	2	2	2	2	1	4	2	1	2	1	2	222212	2
8072	78	PONT	SUNB	2E2718U562570	11502	1	3	2	4	4	1	3	4	4	4	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	1	2	222212	2
9073	79	CHEV	MONZ	1M07197144323	10134	1	3	2	4	4	2	3	4	2	3	1	2	2	2	2	2	2	1	2	3	1	2	2	1	2	2	2	222212	2
9074	79	TOYO	SUPR	MA46003870	5367	1	5	3	4	4	4	4	3	1	10	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9075	79	FORD	LTD	9J62H130688	4837	1	2	1	4	4	2	3	4	3	2	1	2	2	2	2	2	2	2	1	1	1	4	2	1	2	1	2	222212	2
8076	78	FORD	PINT	8R10Y118734	21912	1	3	3	4	4	1	3	4	3	2	4	2	2	2	2	1	2	2	3	2	1	3	2	1	2	3	2	222212	2
9077	79	CHEV	MONZ	1R07197156133	11154	1	5	3	4	4	1	4	4	4	2	4	2	2	2	2	2	2	2	2	1	1	3	2	1	2	1	2	222212	2
8078	78	CHEV	MONZ	1M0718U202705	14686	1	3	3	4	4	2	4	3	3	2	4	2	2	2	2	2	2	2	3	3	1	3	1	1	2	1	2	211222	2
9079	79	TOYO	SUPR	MA46006694	4235	1	2	2	4	4	1	3	4	4	2	4	1	1	1	2	2	2	2	1	1	1	3	2	1	2	4	2	222212	2
8080	78	PONT	SUNB	2E2718U539314	22985	1	3	3	4	4	4	4	1	3	6	4	2	2	2	2	2	2	1	3	3	1	5	2	1	2	3	2	222212	2

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VEH	YR	MAKE	MODEL	VIN	ODOM	N	Y	C	E	S	W	G	B	V	TD	W	H	ST	R	M	A	SB	DS	LO	LT	MAR	NW	PB	UL	L	H2S	U	D	MD
9081	79	MAZD	626	CB2MS536582	2392	1	4	2	4	4	1	2	4	4	4	4	2	2	2	2	2	2	2	1	1	1	2	1	1	2	1	2	222212	2
8082	78	CHEV	STAW	1M1518U142472	31715	1	5	3	4	4	2	3	4	3	4	1	2	2	2	2	2	2	2	6	6	1	4	2	1	2	1	2	222212	2
9083	79	TOYO	SUPR	MA46004194	8929	1	4	3	4	4	3	3	3	3	2	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	1	2	222212	2
9084	79	MAZD	626	CB2M5522355	3473	1	3	1	4	4	2	4	1	4	5	2	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
9085	79	VOLV	242D	24245M1142540	22742	1	5	3	4	4	3	4	1	4	8	1	2	2	2	2	2	2	2	3	2	1	3	2	1	6	1	2	222212	2
9086	79	MAZD	GLC	FA4US554825	5880	1	3	3	4	4	1	3	3	4	2	2	2	2	2	2	2	2	1	1	1	1	2	2	1	2	1	2	222212	2
9087	79	MAZD	626	CB2MS514351	9761	1	3	2	4	4	3	1	4	4	3	3	2	2	2	2	2	2	2	3	1	1	3	2	1	2	2	2	222212	2
9088	79	MAZD	626	CB2M5547056	2914	1	4	3	4	4	1	4	4	3	2	3	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9089	79	MAZD	626	CB2MS525024	5466	1	2	2	4	4	2	3	3	3	8	1	2	2	2	2	1	2	2	1	1	1	2	2	1	2	1	2	222212	2
9090	79	MAZD	626	CB2MS530416	4648	1	4	3	4	4	1	4	3	4	2	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9091	79	MAZD	626	CB2MS524739	5413	1	4	3	4	4	4	3	1	3	4	4	2	2	2	2	2	2	1	1	1	1	3	2	1	2	1	2	222212	2
9092	79	MAZD	GLC	FA4US542043	5514	1	3	1	4	4	1	4	4	3	4	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9093	79	MAZD	GLC	FA4US541819	6200	1	3	4	2	4	2	3	4	2	2	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9094	79	MAZD	626	CB2MS516125	3336	1	2	3	4	4	3	3	3	3	4	1	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
9095	79	MAZD	GLC	FA4US547519	5300	1	3	2	4	4	2	3	4	4	4	4	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9096	79	MERC	STAW	9Z76H689802	3049	1	2	1	4	4	4	1	4	3	4	1	2	2	2	2	2	2	2	3	1	1	3	2	1	3	1	2	222212	2
9097	79	FORD	LTD	9J65H122362	911	1	1	2	4	4	4	2	4	2	2	1	2	2	2	2	2	2	2	3	1	1	4	1	1	2	1	2	212222	2
9098	79	MAZD	626	CB2MS528405	5392	1	3	3	4	4	3	3	3	3	4	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9099	79	MERC	MARQ	9Z62H645766	6754	1	3	3	3	3	3	3	2	3	10	1	2	2	2	2	2	2	2	3	2	1	3	2	1	2	1	2	222212	2
9100	79	FORD	LTD	9J63H131253	9700	1	3	3	4	4	4	2	4	2	2	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	3	2	222212	2
9101	79	MERC	MARQ	9Z66H660887	6788	1	3	2	4	4	2	3	4	3	2	1	2	2	2	2	2	2	2	3	1	1	5	1	1	2	1	2	222212	2
9102	79	MERC	MARQ	9Z63H660895	4915	1	2	2	4	4	4	3	4	1	2	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9103	79	MERC	MARQ	9Z66H670743	6908	1	3	1	4	4	4	2	4	2	4	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	3	2	222212	2
9104	79	VOLV	264G	26465M1066059	6928	1	3	3	4	4	4	1	4	3	2	1	2	2	1	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9105	79	VOLV	264G	26465M1065255	9238	1	3	3	4	4	3	3	3	3	4	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9106	79	MERC	MARQ	9Z66H654491	13244	1	4	2	4	4	4	4	1	4	35	1	2	2	2	2	2	2	2	3	4	1	5	2	1	2	1	2	222212	2
9107	79	FORD	LTD	9J65H115352	26934	1	6	3	4	4	3	3	3	3	4	1	2	1	2	2	2	2	2	3	3	1	5	2	1	2	3	2	222212	2
9108	79	MERC	MARQ	9Z66H655312	16300	1	4	2	4	4	2	4	2	4	5	1	2	2	2	2	2	2	1	3	3	1	2	2	1	2	1	2	222212	2
8109	78	VOLV	264G	26465L4060075	10556	1	2	1	4	4	3	3	3	3	8	2	2	2	2	2	2	2	2	2	2	3	5	1	1	2	2	2	122222	2
9110	79	FORD	STAW	9J76H111244	16703	1	3	1	4	4	4	2	3	3	5	1	1	2	1	2	1	2	2	3	1	1	5	1	1	2	1	2	222212	2
9111	79	VOLV	242D	24245M1146095	11868	1	3	1	4	4	3	3	3	3	4	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9112	79	FORD	LTD	9J62HI31326	4708	1	2	3	4	4	4	2	4	2	2	1	2	2	2	2	2	?	2	1	1	1	5	1	1	2	3	2	222122	2
9113	79	VOLK	CAMP	2392040512	14776	1	3	4	2	4	4	3	4	1	2	1	2	2	2	2	2	2	2	3	1	1	4	2	1	2	4	1	222212	2
9114	79	VOLV	242D	24245M1149332	16845	1	5	3	4	4	1	3	4	4	2	2	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9115	79	VOLK	STAW	2392052189	4005	1	2	3	4	4	2	3	4	3	5	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9116	79	VOLK	CAMP	2392039418	8492	1	3	3	4	4	4	3	4	1	2	1	2	2	2	2	2	2	2	3	3	1	4	2	1	2	1	2	222212	2
9117	79	FORD	LTD	9J65H131977	1339	1	4	3	4	4	3	3	3	3	10	4	1	1	1	2	1	2	2	3	3	1	5	1	1	2	4	2	222212	2
9118	79	VOLV	242D	24245P1153960	6489	1	3	2	4	4	2	4	2	4	6	3	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9119	79	MERC	MARQ	9Z66H614242	10149	1	3	3	4	4	4	2	4	2	2	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9120	79	VOLV	244D	24445M1396296	6242	1	3	3	4	4	1	4	4	3	4	1	2	2	2	2	1	2	2	3	3	1	2	2	1	2	1	2	222212	2

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LOS ANGELES

VEH	YR	MAKE	MODEL	VIN	ODOM	N	Y	C	E	S	W	G	B	V	TD	W	H	ST	R	M	A	SB	DS	LO	LT	MAR	NW	PB	UL	L	H2S	U	D	MD
8121	78	VOLV	242G	24245L1136161	22210	1	4	3	4	4	4	3	1	4	5	1	2	2	2	2	2	2	2	3	3	1	3	1	1	2	1	2	222212	2
9122	79	VOLV	264G	26465M1068255	2295	1	2	3	4	4	4	1	4	3	2	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9123	79	VOLV	244D	24445M1404158	3441	1	1	1	4	4	3	3	3	3	2	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9124	79	VOLV	264G	26465M1069742	11555	1	4	3	4	4	4	3	4	1	4	2	2	2	2	2	2	2	2	3	1	2	2	2	1	2	1	2	222212	2
9125	79	VOLV	244D	24445M1392001	1615	1	2	1	4	4	4	1	4	3	6	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9126	79	VOLV	242G	24245M1148455	13600	1	5	3	4	4	2	3	4	3	7	4	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9127	79	MAZD	GLC	EA4US528940	25000	1	5	3	4	4	2	3	4	3	4	4	2	2	2	2	2	2	2	3	2	3	2	2	1	2	1	2	222212	2
9128	79	MAZD	GLC	FA4US534019	6004	1	2	3	4	4	2	4	4	2	4	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9129	79	VOLV	244D	24445M1401617	8012	1	3	1	4	4	1	3	4	4	2	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9130	79	MAZD	626	CB2MS510837	5716	1	3	1	4	4	4	4	3	1	4	1	2	1	2	2	2	2	2	1	1	1	4	1	1	2	1	2	222212	2
9131	79	MAZD	GLC	FA4US541856	6399	1	4	3	4	4	2	3	4	4	2	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9132	79	MAZD	GLC	FA4US514966	7484	1	3	1	4	4	1	4	4	3	6	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9133	79	MAZD	GLC	FA4US529121	3632	1	2	3	4	4	2	4	4	2	2	1	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
9134	79	MAZD	626	CB2MS524774	6379	1	3	2	4	4	3	2	4	4	4	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9135	79	MAZD	GLC	FA4US548475	10536	1	3	3	4	4	4	3	4	1	2	2	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9136	79	MAZD	GLC	FA4US528635	26141	1	5	3	4	4	4	4	3	1	4	3	2	2	2	2	2	2	2	3	3	1	2	1	1	2	1	2	222212	2
9137	79	MAZD	626	CB2MS520791	5067	1	4	3	4	4	3	3	3	3	4	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9138	79	MAZD	626	CB2MS536172	5198	1	5	3	4	4	4	4	1	3	8	2	2	2	2	2	1	2	2	1	1	1	2	2	1	2	1	2	222212	2
9139	79	MAZD	626	CB2MS515728	6457	1	3	3	4	4	3	4	1	4	2	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9140	79	MAZD	GLC	FA4US533980	14662	1	4	3	4	4	2	4	4	4	2	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9141	79	MAZD	GLC	FA4US522227	12880	1	3	3	4	4	1	3	4	4	4	4	2	2	2	2	2	2	1	3	1	1	3	2	1	2	1	2	222212	2
9142	79	MAZD	GLC	FA4US528908	5784	1	2	3	4	4	1	3	4	4	2	1	2	2	2	1	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9143	79	MAZD	GLC	FA4US550801	7193	1	3	3	4	4	1	3	4	4	4	2	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9144	79	MAZD	GLC	FA4US529273	9690	1	3	3	4	4	1	3	4	4	4	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
8145	78	VOLV	STAW	26565L1012355	20694	1	3	1	4	4	4	1	4	4	4	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9146	79	VOLV	264G	26465M1065751	10530	1	3	4	4	4	4	1	3	4	5	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9147	79	VOLV	264G	26465M1071906	4430	1	2	4	4	4	4	4	4	1	6	3	1	2	1	2	2	2	2	1	1	1	5	2	1	2	1	2	222212	2
9148	79	VOLV	242D	24245M1143457	12711	1	4	3	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9149	79	VOLV	244D	24445M1420551	14894	1	5	4	4	4	1	4	4	4	6	4	1	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9150	79	MAZD	626	CB2M5514501	7376	1	4	3	4	4	4	4	4	1	5	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9151	79	TOYO	SUPR	MA46004694	15181	1	5	4	4	4	2	4	2	4	2	3	2	2	1	2	2	2	2	3	2	3	3	2	1	2	1	2	222212	2
9152	79	TOYO	SUPR	MA46004056	14564	1	5	3	4	4	4	3	1	4	3	1	2	2	1	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9153	79	TOYO	SUPR	MA46001489	10023	1	3	4	4	4	1	4	4	4	4	4	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9154	79	TOYO	SUPR	MA46002793	13712	1	6	4	4	4	4	4	4	1	10	4	2	2	2	2	2	2	2	3	2	2	2	2	1	2	1	2	222212	2
9155	79	VOLV	244D	24445M1388619	24694	1	5	4	4	4	1	4	4	4	8	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9156	79	TOYO	SUPR	MA46002118	8545	1	3	4	4	4	4	4	1	4	2	2	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9157	79	MAZD	626	CB2MS515220	10290	1	3	1	4	4	4	4	1	4	10	1	2	2	2	2	2	2	2	3	3	1	5	2	1	2	1	2	222212	2
9158	79	MAZD	626	CB2MS536607	1490	1	3	4	4	4	2	4	3	4	6	4	2	2	1	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9159	79	MAZD	GLC	FA4US547705	9348	1	3	4	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9160	79	MAZD	626	CB2MS514831	13758	1	4	3	4	4	2	4	4	3	2	3	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2

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LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

LOS ANGELES

VEH	YR	MAKE	MODEL	VIN	ODOM	N	Y	C	E	S	W	G	B	V	TD	W	H	ST	R	M	A	SB	DS	LO	LT	MAR	NW	PB	UL	L	M2S	U	D	MD
9161	79	MAZD	GLC	FA4US534051	10325	1	3	1	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9162	79	MAZD	STAW	FA4UV512709	6309	1	3	2	4	4	2	3	4	4	3	2	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9163	79	MAZD	GLC	FA4US514687	25896	1	5	3	4	4	1	4	4	4	16	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9164	79	MAZD	STAW	FA4UV512845	17052	1	5	3	4	4	4	3	4	1	6	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9165	79	MAZD	GLC	FA4US541810	7752	1	3	4	4	4	4	1	4	4	6	1	1	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9166	79	MAZD	GLC	FA4US519111	15974	1	4	3	4	4	2	3	4	4	4	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
8167	78	SAAB	99GL	99781009428	26702	1	4	4	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	4	4	1	2	2	1	2	1	2	222212	2
9168	79	FORD	STAW	9J76H104707	14697	1	4	4	4	4	1	4	4	4	6	4	2	2	2	2	2	2	2	3	3	1	5	2	1	2	1	2	222212	2
9169	79	MAZD	GLC	FA4US541953	9279	1	2	1	4	4	4	4	4	1	6	2	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9170	79	MAZD	GLC	FA4US534387	2790	1	2	4	4	4	4	1	4	4	6	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9171	79	MAZD	STAW	FA4UV510535	5176	1	3	3	4	4	2	3	4	4	2	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9172	79	MAZD	GLC	FA4US534790	14203	1	4	4	4	4	3	3	4	4	2	4	2	2	2	2	2	2	1	3	1	1	5	2	1	2	1	2	222212	2
9173	79	FORD	LTD	9J63H118272	6474	1	2	1	4	4	4	1	4	4	2	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9174	79	MAZD	STAW	FA4UV505956	7023	1	2	4	4	4	4	1	4	3	4	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
0175	80	CHEV	CITA	1X685AT131524	3686	1	2	2	4	4	2	2	4	4	6	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9176	79	MAZD	STAW	FA4UV507805	11125	1	5	4	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
9177	79	AUDI	5000	4392123957	5417	1	3	1	4	4	1	4	4	4	20	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9178	79	FORD	STAW	9J76H111249	15706	1	4	4	4	4	1	4	4	4	4	2	2	2	2	2	2	2	2	3	3	1	2	1	1	2	4	2	212212	2
0179	80	CHEV	CITA	1X687AW131692	5447	2	2	1	4	4	1	4	4	4	6	1	1	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
0180	80	CHEV	CITA	1X687AW137943	1376	1	1	1	4	4	2	3	4	4	2	1	2	2	1	2	2	1	2	1	1	1	5	1	1	2	1	2	222212	2
9181	79	MAZD	GLC	FA4US533797	16309	1	5	3	4	4	1	3	4	4	8	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
0182	80	CHEV	CITA	1X685AW135867	5609	1	3	2	4	4	4	1	4	4	3	1	2	1	2	2	1	2	2	1	1	1	3	1	1	2	1	2	222212	2
9183	79	TOYO	SUPR	MA46026355	1426	1	5	1	4	4	1	4	4	4	8	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9184	79	MAZD	GLC	FA4US547328	4959	1	2	1	4	4	1	3	4	4	2	4	2	2	2	2	2	2	2	3	1	1	3	2	1	2	4	2	222212	2
0185	80	OLDS	OMEG	3E377AW106921	2371	1	3	1	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
0186	80	CHEV	CITA	1X687A6124179	1980	1	4	2	4	4	3	4	2	4	10	1	2	1	2	2	2	2	2	1	1	1	2	2	1	6	1	2	222212	2
0187	80	CHEV	CITA	1X685AT131793	2496	1	2	1	4	4	4	1	4	4	2	1	2	2	2	2	2	2	1	3	1	1	3	1	1	2	1	2	122221	2
9188	79	MERC	STAW	9Z76H635338	11429	1	3	1	4	4	4	1	4	4	6	4	2	2	2	2	2	2	1	3	1	2	5	1	1	2	2	2	222212	2
0189	80	BUIC	SKYL	4B377AW122825	4981	1	3	4	4	4	1	4	4	4	4	1	2	2	2	2	1	2	2	3	3	1	2	2	1	2	1	2	222212	2
0190	80	CHEV	CITA	1X117AW127765	9231	1	5	2	4	4	4	4	1	4	20	1	2	1	2	2	2	1	1	3	1	1	3	2	1	2	1	2	222212	2
0191	80	BUIC	SKYL	4C697AW170436	459	1	4	4	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
0192	80	CHEV	CITA	1X687AW127972	6926	1	3	3	4	4	4	2	3	4	2	2	2	2	2	2	2	2	1	3	1	1	2	2	1	2	1	2	222212	2
0193	80	CHEV	CITA	1X685A6118514	2066	1	3	3	4	4	4	3	2	4	2	1	2	1	2	2	1	2	1	1	1	1	2	2	1	2	1	2	222212	2
0194	80	CHEV	CITA	1X687AW142543	1103	1	2	1	4	4	4	1	4	4	4	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
0195	80	BUIC	SKYL	4B375AW122485	4857	1	3	4	4	4	2	3	4	4	4	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
0196	80	CHEV	CITA	1X115A6102256	8068	1	5	4	4	4	4	4	1	4	8	3	2	2	2	2	2	2	2	3	1	1	3	1	1	2	1	2	222212	2
0197	80	CHEV	CITA	1X117AW131001	9139	1	5	4	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	3	2	222212	2
9198	79	AUDI	5000	4392146874	6557	1	5	3	4	4	3	4	2	4	8	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
0199	80	CHEV	CITA	1X687A6101189	3369	1	3	1	4	4	1	4	4	4	4	1	2	2	2	2	2	2	1	3	1	1	6	1	1	2	1	2	122222	2
0200	80	PONT	PHOE	2Z377A6102639	6489	1	5	3	4	4	3	3	4	4	2	2	2	2	2	2	2	2	1	3	1	1	3	2	1	2	1	2	222212	2

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LOS ANGELES

VEH	YR	MAKE	MODEL	VIN	ODOM	N	Y	C	E	S	W	G	B	V	TD	W	H	ST	R	M	A	SB	DS	LO	LT	MAR	NW	PB	UL	L	H2S	U	D	MD
0201	80	BUIC	SKYL	4B375AW115699	2458	1	2	1	4	4	3	4	4	2	2	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
0202	80	PONT	PHOE	2Y375A6107526	1783	1	2	3	4	4	3	4	4	2	2	1	2	1	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
0203	80	OLDS	OMEG	3B375AW115412	2224	1	2	2	4	4	4	1	4	4	6	3	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
0204	80	OLDS	OMEG	3B375AW104816	4511	1	2	4	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
0205	80	CHEV	CITA	1X687A6125382	1142	1	3	3	4	4	4	4	4	1	2	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
0206	80	CHEV	CITA	1X087AT133301	6590	1	3	3	4	4	2	3	4	3	8	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	1	2	222212	2
0207	80	CHEV	CITA	1X687AW140681	6162	1	3	3	4	4	1	4	4	4	6	2	1	1	1	1	1	1	1	1	1	1	5	1	1	2	1	2	222212	2
0208	80	CHEV	CITA	1H115AW139235	2370	1	2	2	4	4	2	3	4	3	4	1	2	2	2	2	2	2	2	6	1	1	2	2	1	2	1	2	222212	2
9209	79	TOYO	SUPR	MA46008483	6357	1	2	4	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
0210	80	BUIC	SKYL	4C695AW124282	5327	2	2	1	4	4	4	1	4	4	8	1	2	1	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9211	79	TOYO	SUPR	MA46004963	11785	1	5	3	4	4	1	4	4	4	10	3	2	2	1	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9212	79	MAZD	626	CB2MS527317	7253	1	4	4	4	4	1	4	4	4	2	4	2	2	2	2	2	2	2	3	1	1	5	1	1	2	4	2	222212	2
0213	80	OLDS	OMEG	3E695AW126092	1854	1	3	3	4	4	4	2	4	3	2	1	2	1	2	2	2	2	2	2	1	1	2	2	1	2	1	2	222212	2
0214	80	CHEV	CITA	1X685AW123551	10398	1	4	3	4	4	1	4	4	4	2	4	2	2	1	2	2	2	2	1	1	1	5	2	1	2	1	2	222212	2
9215	79	FORD	STAW	9J76H118615	4978	1	2	3	4	4	4	3	3	3	4	1	2	2	2	2	2	1	3	2	1	1	5	2	1	2	1	2	222212	2
9216	79	FORD	LTD	9J64H134640	7008	1	2	3	4	4	3	4	4	4	2	1	2	2	1	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9217	79	TOYO	SUPR	MA46009869	9294	1	2	2	4	4	2	4	4	3	4	1	2	2	2	2	2	2	2	3	1	1	5	1	1	2	1	2	222212	2
0218	80	CHEV	CITA	1X687A6125357	2734	1	5	1	4	4	4	4	1	4	6	1	2	2	2	2	2	2	2	2	2	2	3	1	1	2	1	2	222212	2
0219	80	CHEV	CITA	1X685AW141210	5527	1	3	1	4	4	1	4	4	4	8	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
0220	80	PONT	PHOE	2Y687AT125898	5863	1	3	2	4	4	2	3	4	4	4	1	1	2	2	2	2	2	2	3	1	1	3	1	1	2	1	2	222212	2
0221	80	PONT	PHOE	2Y375AT106326	3986	1	3	1	4	4	2	3	4	4	6	3	1	1	2	2	2	1	1	3	1	1	5	1	1	6	1	2	222212	2
9222	79	FORD	STAW	9J76H155717	4955	1	2	2	4	4	3	2	4	3	8	2	2	1	1	2	2	1	2	3	1	1	5	1	1	2	2	2	222212	2
9223	79	AUDI	5000	4392122924	3146	1	2	4	4	4	4	2	4	3	2	2	2	2	2	2	2	2	2	1	1	1	5	2	1	2	1	2	222212	2
9224	79	TOYO	SUPR	MA46001748	10320	1	5	1	4	4	1	4	4	4	10	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9225	79	FORD	LTD	9J63H136578	11199	1	3	3	4	4	4	3	4	2	4	2	2	2	2	2	2	2	2	3	2	1	2	2	1	2	3	2	222212	2
9226	79	FORD	LTD	9J64H132006	5325	1	2	1	4	4	2	4	4	3	8	1	2	2	2	2	2	2	2	3	3	1	4	2	1	2	2	2	222212	2
0227	80	PONT	PHOE	2Y685A6103415	1891	1	2	1	4	4	2	3	4	4	4	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9228	79	MERC	STAW	9Z74H668425	8835	1	3	1	4	4	4	2	3	4	4	1	2	2	2	2	1	1	2	1	1	1	2	2	1	2	1	2	222212	2
0229	80	CHEV	CITA	1X685AW157792	3029	1	3	1	4	4	4	1	4	4	6	1	2	1	2	2	2	2	2	3	1	1	5	2	1	2	4	2	222212	2
9230	79	TOYO	SUPR	MA46008813	5986	1	4	3	4	4	1	4	4	4	5	4	2	2	1	2	2	2	2	1	1	1	3	1	1	2	1	2	222212	2
0231	80	CHEV	CITA	1X085A6106603	5422	1	4	4	4	4	2	4	4	3	8	4	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
0232	80	PONT	PHOE	2Y375AT109791	10497	1	3	4	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	1	2	222212	2
0233	80	CHEV	CITA	1X685A6114455	2808	1	2	3	4	4	2	3	4	3	3	2	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9234	79	MERC	MARQ	9Z66H646535	22046	1	5	3	4	4	2	3	4	3	2	4	1	2	1	2	2	2	2	3	3	1	3	2	1	2	2	2	222212	2
0235	80	CHEV	CITA	1X687A6123864	2011	1	5	2	4	4	4	4	1	4	6	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9236	79	TOYO	SUPR	4A46017442	7096	1	3	4	4	4	3	4	2	4	2	2	2	2	1	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
0237	80	CHEV	CITA	1X087AW131699	10899	1	5	3	4	4	3	4	4	3	4	2	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
0238	80	PONT	PHOE	2Z685AT123715	3915	1	2	1	4	4	4	1	4	4	2	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	4	2	222212	2
0239	80	CHEV	CITA	1X687AW129781	8119	1	2	1	4	4	4	1	4	4	4	1	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
9240	79	FORD	STAW	9J76H106103	9701	1	4	3	4	4	2	3	4	3	6	1	1	2	2	2	2	2	2	3	1	1	5	2	1	2	2	2	222212	2

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LISTING OF TEST VEHICLE USE AND MAINTENANCE DATA

LOS ANGELES

VEH	YR	MAKE	MODEL	VIN	ODOM	N	Y	C	E	S	W	G	B	V	TD	W	H	ST	R	M	A	SB	DS	LO	LT	MAR	NW	PB	UL	L	H2S	U	D	MD
9241	79	VOLV	242G	24245M1150400	22472	1	5	4	4	4	4	4	1	4	4	3	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
0242	80	PONT	PHOE	2Z375A6103825	3810	2	3	1	4	4	1	4	4	4	4	2	2	1	1	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
0243	80	CHEV	CITA	1X685AW137329	6390	1	4	4	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	1	1	1	4	2	1	2	2	2	222212	2
9244	80	BUIC	SKYL	4B375AW167182	520	1	2	1	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9245	79	VOLV	244D	24445M1386803	16113	1	4	3	4	4	2	3	4	3	4	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
0246	80	PONT	PHOE	2Z375AT123694	4860	2	3	1	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	1	1	1	3	1	1	2	1	2	222212	2
9247	79	FORD	STAW	9J76H112524	15256	1	3	1	4	4	4	4	4	1	6	1	2	2	2	2	2	2	2	1	1	1	3	1	1	2	1	2	222212	2
0248	80	CHEV	CITA	1H115A6103800	6493	1	3	4	4	4	1	4	4	4	4	1	2	2	2	2	2	2	1	3	3	1	2	2	1	2	2	2	222212	2
9249	79	MAZD	626	CB2MS514929	14866	1	5	4	4	4	2	4	3	4	4	4	2	2	2	2	2	2	2	3	3	1	2	2	1	2	3	2	222212	2
9250	79	VOLV	242D	24245M1143625	8958	1	3	3	4	4	2	4	4	3	8	4	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9251	79	FORD	LTD	9J64H113228	12392	2	3	1	4	4	1	4	4	4	8	2	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
0252	80	BUIC	SKYL	4B695AE152473	5039	1	5	3	4	4	3	4	4	3	2	1	2	2	2	2	2	2	2	3	3	1	4	2	1	2	1	2	222212	2
9253	79	MERC	MARQ	9266H645765	6401	1	2	1	4	4	4	3	4	2	4	1	2	2	2	2	2	2	1	1	1	1	2	2	1	2	4	2	222212	2
9254	79	MAZD	626	CB2MS521238	5962	1	3	2	4	4	2	3	4	4	4	1	2	2	2	2	2	2	2	3	1	1	4	2	1	2	1	2	222212	2
9255	79	FORD	LTD	9J64H109898	19445	1	4	1	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
9256	79	FORD	LTD	9J65F100299	22288	1	4	2	4	4	4	3	4	2	2	1	2	2	2	2	2	2	1	3	3	1	5	1	1	2	1	2	222212	2
9257	79	FORD	STAW	9J76H141601	16491	1	4	4	4	4	2	3	4	4	4	4	2	2	2	2	2	2	2	3	3	1	5	2	1	2	1	2	222212	2
0258	80	CHEV	CITA	1X117AW131007	10246	1	4	4	4	4	2	3	4	4	4	2	2	2	2	2	2	2	2	3	3	1	3	1	1	2	1	2	222212	2
9259	79	MAZD	626	CB2MS514429	16366	1	4	4	4	4	1	4	4	4	10	1	2	2	2	2	2	2	2	3	1	1	4	1	1	2	1	2	222212	2
0260	80	CHEV	CITA	1X117AW143194	12879	1	6	4	4	4	1	4	4	4	10	2	2	1	1	2	2	1	1	3	3	1	4	1	1	2	4	2	222212	2
9261	79	TOYO	SUPR	MA46001508	10946	1	3	3	4	4	2	4	4	4	4	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9262	79	TOYO	SUPR	MA46004442	14080	1	4	3	4	4	2	3	3	4	4	1	2	2	1	2	2	2	2	3	2	3	2	2	1	2	4	2	222212	2
9263	79	MAZD	GLC	FA4US514991	8733	1	2	4	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9264	79	TOYO	SUPR	MA46007698	7567	1	2	1	4	4	1	4	4	4	2	2	2	2	2	2	2	2	2	3	3	1	3	1	1	2	3	2	222212	2
9265	79	VOLV	STAW	24545M1249877	4201	1	4	4	4	4	3	4	3	4	2	1	2	2	2	2	2	2	2	6	6	4	6	2	1	2	1	2	222212	2
9266	79	MAZD	STAW	FA4UV512785	7325	1	3	1	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	3	6	1	2	2	1	2	1	2	222212	2
9267	79	MAZD	GLC	FA4US534182	7222	1	2	1	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9268	79	MAZD	GLC	FA4US548903	9706	1	2	4	4	4	4	4	1	4	8	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9269	79	MAZD	GLC	FA4US546211	18656	1	2	1	4	4	1	4	4	4	10	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	1	222212	2
9270	79	VOLV	244D	24445M1414823	8782	1	4	1	4	4	1	4	4	4	18	3	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9271	79	FORD	LTD	9J64H113244	12233	1	4	1	4	4	1	4	4	4	6	1	1	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9272	79	MAZD	GLC	FA4US546192	12406	1	3	4	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	3	2	222212	2
0273	80	BUIC	SKYL	4C375AW134219	9413	1	3	4	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
0274	80	PONT	PHOE	2Y685AT128238	5754	1	4	3	4	4	3	4	4	4	4	4	2	1	1	2	2	2	2	1	1	1	4	1	1	2	1	2	222212	2
9275	79	SAAB	900T	90791025382	1978	1	4	2	4	4	4	2	3	4	12	1	2	2	2	2	2	2	2	3	1	1	3	2	1	2	1	2	222212	2
9276	79	MAZD	STAW	FAYUV510460	7928	1	3	4	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	1	2	222212	2
9277	79	MAZD	GLC	FA4US547290	15115	1	4	4	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	3	2	2	2	2	1	2	2	2	222212	2
0278	80	CHEV	CITA	1X685A6135405	1359	1	5	4	4	4	3	4	4	4	4	4	2	2	2	2	2	2	2	1	1	4	6	2	1	2	5	3	222221	2
9279	79	FORD	STAW	9576H133656	10753	1	3	1	4	4	4	2	4	3	2	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	3	2	222212	2
0280	80	CHEV	CITA	1X685A6146678	708	1	4	3	4	4	3	4	4	4	4	2	2	2	2	2	2	2	2	6	6	3	2	2	1	2	1	2	222212	2

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VEH	YR	MAKE	MODEL	VIN	ODOM	N	Y	C	E	S	W	G	B	V	TD	W	H	ST	R	M	A	SB	DS	LO	LT	MAR	NW	PB	UL	L	H2S	U	D	MD
9281	79	MAZD	STAW	FA4UV507340	15353	1	5	3	4	4	4	3	3	4	4	4	2	2	2	2	2	2	1	3	3	1	2	2	1	2	1	2	222212	2
9282	79	VOLK	STAW	2292022864	17251	1	3	3	4	4	3	3	4	4	4	1	2	2	2	2	2	2	2	3	3	1	3	2	1	2	1	2	222212	2
0283	80	CHEV	CITA	1X685AW156655	3010	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	2	5	3	222221	2
0284	80	CHEV	CITA	1X685AW156668	6552	1	5	4	4	4	3	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	2	2	1	2	1	2	222212	2
0285	80	CHEV	CITA	1X685A6126391	2533	1	5	4	4	4	3	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9286	79	FORD	STAW	9J76H165525	9377	1	5	4	4	4	3	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9287	79	FORD	LTD	9J62H160129	5806	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9288	79	FORD	LTD	9J64H124845	10549	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9289	79	FORD	LTD	9J64H115880	12534	1	5	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	2	6	6	4	6	2	1	2	5	3	222221	2
9290	79	FORD	LTD	9J65H111263	26812	1	5	1	4	4	1	4	4	4	8	1	2	2	2	2	2	2	2	3	3	1	4	2	1	2	3	2	222212	2
0291	80	BUIC	SKYL	4B375AW122027	8417	1	3	4	4	4	4	3	4	3	2	1	2	2	2	2	2	2	1	3	1	1	4	2	1	2	1	2	222212	2
9292	79	MAZD	STAW	FA4UV507856	19949	1	3	4	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
9293	79	MAZD	626	CB2M2522145	8271	1	3	1	4	4	4	1	4	4	2	4	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9294	79	MAZD	GLC	FA4US534395	9696	1	3	4	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
0295	80	CHEV	CITA	1X117AW131410	5772	1	3	3	4	4	3	4	4	4	4	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	1	2	222212	2
9296	79	FORD	LTD	9J64H160128	5738	1	5	4	4	4	3	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9297	79	FORD	STAW	9J74H139707	20608	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9298	79	FORD	STAW	9J74H113110	17883	1	5	4	4	4	3	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	2	5	3	222221	2
9299	79	MAZD	GLC	FA4US533991	19877	1	3	1	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	3	1	1	3	1	1	2	1	2	222212	2
9300	79	FORD	LTD	9J63H133234	78600	1	2	4	4	4	4	1	4	4	2	1	2	2	2	2	2	2	2	3	3	1	3	1	1	2	1	2	222212	2
0301	80	BUIC	SKYL	4B695AW113036	4346	1	3	1	4	4	2	4	3	4	4	1	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9302	79	MERC	MARQ	9Z66H649070	6754	1	2	4	4	4	4	4	4	1	2	1	2	2	1	2	2	2	2	3	1	1	3	2	1	2	2	2	222212	2
9303	79	MAZD	STAW	FA4UV520108	6920	1	2	1	4	4	1	4	4	4	2	2	2	2	2	2	2	2	2	3	3	1	2	2	1	2	1	2	222212	2
0304	80	CHEV	CITA	1X687AW143535	6296	1	5	4	4	4	3	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0305	80	CHEV	CITA	1X687AW145074	9370	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0306	80	PONT	PHOE	2Y685A6107585	5809	1	5	4	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	3	1	1	4	2	1	2	1	2	222212	2
0307	80	CHEV	CITA	1X087AW133701	9570	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0308	80	CHEV	CITA	1X687AW145130	4042	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0309	80	CHEV	CITA	1X117AW144281	700º	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0310	80	BUIC	SKYL	4D375AW125093	9341	2	5	4	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	1	2	222212	2
9311	79	FORD	LTD	9J62H174809	14985	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9312	79	FORD	LTD	9J63H174810	11648	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0313	80	CHEV	CITA	1X685A6146580	1115	1	5	4	4	4	3	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0314	80	CHEV	CITA	1X685A6134834	3085	1	5	3	4	4	3	4	4	4	4	4	2	2	2	2	2	2	1	3	1	1	3	2	1	2	1	2	222212	2
9315	79	FORD	LTD	9J65H118259	20642	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9316	79	FORD	LTD	9J65H115879	16055	1	5	4	4	4	3	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9317	79	FORD	STAW	9J76H175918	1695	1	3	1	4	4	4	1	4	4	4	2	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
0318	80	CHEV	CITA	1X117A6125288	2912	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0319	80	CHEV	CITA	1X687AW130694	13668	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0320	80	CHEV	CITA	1X687AW139614	8122	1	5	4	4	4	3	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2

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VEH	YR	MAKE	MODEL	VIN	ODOM	N	Y	C	E	S	W	G	B	V	TD	W	H	ST	R	M	A	SB	DS	LO	LT	MAR	NW	PB	UL	E	H2S	U	D	MD
0321	80	CHEV	CITA	1X087AW133241	13533	1	6	4	4	4	4	4	4	4	8	4	2	2	2	2	2	2	2	6	6	4	2	2	1	6	5	3	222221	2
0322	80	CHEV	CITA	1X087AW133747	13891	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0323	80	CHEV	CITA	1X087AW133655	12012	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0324	80	CHEV	CITA	1X117A6125398	2405	1	5	4	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0325	80	CHEV	CITA	1X687AW145266	9393	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0326	80	CHEV	CITA	1X687A6108977	6770	1	5	4	4	4	3	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0327	80	BUIC	SKYL	4B377AW120322	5184	1	3	1	4	4	1	4	4	4	4	1	2	1	1	2	2	2	2	3	1	1	5	1	1	2	1	2	222212	2
0328	80	OLDS	OMEG	3E697AW144572	1710	1	6	4	4	4	4	4	1	4	14	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9329	79	FORD	LTD	9J64H129788	10484	1	4	2	4	4	1	4	4	4	4	1	2	2	2	2	2	2	2	3	1	1	5	2	1	2	2	2	222212	2
9330	79	FORD	STAW	9J76H139704	12451	1	5	4	4	4	3	4	4	4	6	2	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9331	79	FORD	STAW	9J74H107309	26141	1	6	4	4	4	4	4	4	4	10	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9332	79	FORD	STAW	9J76H139708	19435	1	6	4	4	4	4	4	4	4	10	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0333	80	CHEV	CITA	1X087AW133744	9653	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0334	80	CHEV	CITA	1X087AW133634	10284	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0335	80	CHEV	CITA	1X087AW133698	11960	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
0336	80	BUIC	SKYL	4G695AW153558	4209	1	3	1	4	4	4	1	4	4	4	1	2	1	2	2	2	2	2	2	3	1	4	1	1	2	1	2	222212	2
9337	79	VOLK	STAW	2292040672	13170	1	3	1	4	4	4	4	4	4	4	4	2	2	2	2	2	2	2	3	3	1	2	2	1	2	2	2	222212	2
9338	79	FORD	LTD	9J62H130544	18665	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9339	79	FORD	LTD	9J65H141623	12535	1	3	4	4	4	1	4	4	4	2	1	2	2	2	2	2	2	2	3	6	1	4	2	1	2	1	2	222212	2
9340	79	TOYO	SUPR	MA46003675	9716	1	3	2	4	4	2	3	4	4	4	2	2	2	2	2	2	2	2	3	1	1	2	2	1	2	1	2	222212	2
9341	79	FORD	LTD	9J65H136291	11331	1	5	4	4	4	4	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2
9342	79	FORD	LTD	9J65H106067	11117	1	6	4	4	4	4	4	4	4	10	4	2	2	2	2	2	2	2	6	6	4	2	2	1	2	5	3	222221	2
0343	80	CHEV	CITA	1X085AW126771	8532	1	3	1	4	4	4	4	1	4	8	2	2	1	2	2	2	2	2	1	1	1	5	1	1	2	1	2	222212	2
9344	79	FORD	STAW	9J74H120033	23683	1	6	4	4	4	4	4	4	4	10	4	2	2	2	2	2	2	2	6	6	4	2	2	1	6	5	3	222211	2
9345	79	MAZD	626	CB2NS537531	3250	1	2	3	4	4	3	4	4	4	6	4	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
9346	79	FORD	LTD	9J65H136509	10931	1	2	1	4	4	4	1	4	4	2	1	2	2	2	2	2	2	2	3	3	1	5	2	1	2	1	2	222212	2
0347	80	CHEV	CITA	1X687AW142485	8545	1	5	4	4	4	4	4	4	4	10	4	2	2	2	2	2	2	2	6	6	4	2	2	1	2	5	3	222221	2
9348	79	FORD	LTD	9J62H102596	8280	1	3	4	4	4	1	4	4	4	6	1	2	2	2	2	2	2	2	1	1	1	2	2	1	2	1	2	222212	2
0349	80	CHEV	CITA	1X685A6116353	4810	1	3	4	4	4	4	3	4	3	4	1	2	2	2	2	2	2	2	1	1	1	3	2	1	2	1	2	222212	2
0350	80	CHEV	CITA	1X687A6145595	2886	1	5	4	4	4	3	4	4	4	6	4	2	2	2	2	2	2	2	6	6	4	6	2	1	6	5	3	222221	2

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

Legend

PHRASE	EXPLANATION
LIMITER CAP OK	Limiter cap correctly installed
LIMITER CAP MIS	Limiter cap missing
LIMITER CAP BRKN	Limiter cap broken
LIMITER CAP NA	Limiter cap N-A (e.g., fuel inj.)
MIXTURE ADJ PLUG OK	Sealed carb adjustment plug OK
MIXTURE ADJ PLUG MIS	Sealed carb adjustment plug missing
TIMG OFF ±X	Timing off ±x degrees
IRPM OFF ±XXX	Idle RPM off ±xxx RPM
CHOKE OFF XNR (OR NL)	Choke off by x notches on rich side (or lean)

ACRONYM	EXPLANATION
BRKN	Broken
DEF	Defective
PLGD	Plugged
RERTD	Rerouted
DISCNCTD	Disconnected
CNCTD	Connected
DIST	Distributor
VAC	Vacuum
ADV	Advance
VLV	Valve
SOL	Solenoid
FLTR	Filter
BPT	Back Pressure Transducer
SNSR	Sensor
CNSTR	Canister

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APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8001	78	VOLV	262C	163	1	COLD TRANS	2.98	33.76	582.3	2.68	13.76
INC, PPM HEXANE			350			COLD STAB	1.01	12.51	560.2	1.97	15.22
ICO(ACTUAL), PCT			1.20			HOT TRANS	1.26	18.64	523.1	1.81	15.95
						1975 FTP	1.48	18.55	554.6	2.07	15.08
COMMENTS: LIMITER CAP OK,IRPM OFF -150, EFC MALFUNCTION,FUEL HOSES BRITTLE AUX WIDE OPEN THROTTLE SWITCH FOR NOX2 AND FUEL INJECTION INSTALLED											
8002	78	VOLV	264G	163	1	COLD TRANS	2.61	17.27	587.7	1.76	14.24
INC, PPM HEXANE			100			COLD STAB	.18	4.91	539.7	1.17	16.20
ICO(ACTUAL), PCT			2.45			HOT TRANS	.48	6.13	516.5	1.51	16.82
						1975 FTP	.76	7.79	543.3	1.39	15.91
COMMENTS: LIMITER CAP OK,EFC NOT WORKING PROPERLY											
9003	79	CADI	SEVI	350	1	COLD TRANS	2.14	37.21	733.1	1.92	11.12
INC, PPM HEXANE			15			COLD STAB	.11	3.73	752.8	.74	11.69
ICO(ACTUAL), PCT			.01			HOT TRANS	.28	5.49	648.3	1.60	13.49
						1975 FTP	.57	11.10	720.3	1.22	12.00
COMMENTS: LIMITER CAP NA.											
8004	78	VOLV	264G	163	1	COLD TRANS	2.69	37.13	582.5	3.26	13.67
INC, PPM HEXANE			70			COLD STAB	1.50	41.30	544.5	1.31	14.45
ICO(ACTUAL), PCT			2.50			HOT TRANS	1.04	26.49	525.9	1.61	15.55
						1975 FTP	1.62	36.40	547.2	1.79	14.56
COMMENTS: LIMITER CAP OK,IRPM OFF +200,EFC EXHAUST 02 SNSR DISCNCTD											
8005	78	VOLV	264G	163	1	COLD TRANS	3.22	34.46	565.4	2.10	14.09
INC, PPM HEXANE			90			COLD STAB	1.34	25.22	545.4	.95	15.06
ICO(ACTUAL), PCT			2.00			HOT TRANS	1.24	19.11	510.7	.99	16.30
						1975 FTP	1.70	25.45	540.1	1.20	15.16
COMMENTS: LIMITER CAP MIS,IRPM OFF -210 RPM,EFC EXHAUST 02 SNSR DISCNCTD											

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ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8006	78	FORD	PINT	140	1	COLD TRANS	.94	8.77	439.1	1.00	19.47
IHC, PPM HEXANE			15			COLD STAB	.30	1.30	429.8	.69	20.51
ICO(ACTUAL), PCT			.02			HOT TRANS	.55	4.12	374.3	.94	23.20
						1975 FTP	.50	3.61	416.6	.82	20.94
COMMENTS: LIMITER CAP MIS,IRPM OFF +270											
9007	79	FORD	PINT	140	1	COLD TRANS	1.51	11.84	523.5	1.60	16.23
IHC, PPM HEXANE			10			COLD STAB	.22	5.09	486.2	.50	17.93
ICO(ACTUAL), PCT			.02			HOT TRANS	3.25	3.87	439.5	.98	19.47
						1975 FTP	1.31	6.15	481.1	.86	17.93
COMMENTS: LIMITER CAP OK											
9008	79	TOYO	SUPR	156	1	COLD TRANS	1.08	13.31	464.9	.53	18.14
IHC, PPM HEXANE			2			COLD STAB	.10	.38	515.7	.08	17.18
ICO(ACTUAL), PCT			.01			HOT TRANS	.05	.92	433.5	.17	20.40
						1975 FTP	.29	3.19	482.8	.20	18.16
COMMENTS: LIMITER CAP NA.											
9009	79	FORD	PINT	140	1	COLD TRANS	1.16	13.93	458.4	.70	18.34
IHC, PPM HEXANE			15			COLD STAB	.47	5.81	438.4	.43	19.77
ICO(ACTUAL), PCT			.01			HOT TRANS	.89	6.85	379.7	.58	22.57
						1975 FTP	.73	7.76	426.5	.53	20.13
COMMENTS: LIMITER CAP OK,TIMG OFF -6.											
9010	79	FORD	PINT	140	1	COLD TRANS	.72	12.03	541.2	2.07	15.78
IHC, PPM HEXANE			5			COLD STAB	.23	4.60	498.9	.45	17.51
ICO(ACTUAL), PCT			.02			HOT TRANS	.20	2.37	460.1	.98	19.11
						1975 FTP	.32	5.52	497.0	.93	17.52
COMMENTS: LIMITER CAP OK.											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8011	78	FORD	PINT	140	1	COLD TRANS	.51	11.17	484.5	1.00	17.62
IHC, PPM HEXANE			10			COLD STAB	.15	.28	435.5	.39	20.33
ICO(ACTUAL), PCT			.01			HOT TRANS	.11	1.23	404.0	.78	21.84
						1975 FTP	.21	2.78	437.0	.62	20.08
COMMENTS: LIMITER CAP OK,ENGINE CALIBRATION DECAL MIS.											
8012	78	FORD	PINT	140	1	COLD TRANS	.76	14.68	452.4	1.21	18.57
IHC, PPM HEXANE			10			COLD STAB	.12	.13	422.5	.49	20.98
ICO(ACTUAL), PCT			.01			HOT TRANS	.16	1.17	372.8	.97	23.66
						1975 FTP	.26	3.41	415.1	.77	21.07
COMMENTS: LIMITER CAP OK,AIR FLTR,PCV VLV DIRTY,ALT BELT LOOSE. ENGINE CALIBRATION DECAL MIS,OIL,COOLANT ADDED											
8013	78	VOLV	264G	163	1	COLD TRANS	1.88	23.48	561.9	1.18	14.68
IHC, PPM HEXANE			60			COLD STAB	.28	7.67	548.5	.29	15.81
ICO(ACTUAL), PCT			1.70			HOT TRANS	.44	7.13	501.4	.70	17.27
						1975 FTP	.65	10.78	538.4	.58	15.92
COMMENTS: LIMITER CAP MIS,IRPM OFF +110,AIR FLTR DIRTY,MECH VLV NOISY. RIGHT BANK RICHER THAN LEFT.											
9014	79	VOLV	244D	130	1	COLD TRANS	1.04	13.90	502.8	1.66	16.81
IHC, PPM HEXANE			55			COLD STAB	.10	3.79	460.4	.65	19.02
ICO(ACTUAL), PCT			.90			HOT TRANS	.21	4.57	440.5	1.37	19.80
						1975 FTP	.32	6.08	463.7	1.05	18.71
COMMENTS: LIMITER CAP NA											
8015	78	FORD	STAW	140	1	COLD TRANS	.75	6.69	478.6	1.30	18.06
IHC, PPM HEXANE			25			COLD STAB	.27	1.61	463.9	.86	18.99
ICO(ACTUAL), PCT			.02			HOT TRANS	.49	3.09	412.0	1.24	21.21
						1975 FTP	.43	3.06	452.8	1.05	19.34
COMMENTS: LIMITER CAP MIS, PLUG WIRES DEF.											

APPENDIX C

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ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8016	78	FORD	PINT	140	1	COLD TRANS	1.15	30.56	504.1	.64	15.97
IHC, PPM HEXANE			5			COLD STAB	.25	9.87	454.9	.36	18.83
ICO(ACTUAL), PCT			.01			HOT TRANS	.44	12.52	425.8	.53	19.85
						1975 FTP	.45	14.88	457.1	.46	18.41
COMMENTS: LIMITER CAP OK,IRPM OFF +125,NO 1 SPARK PLUG WIRE DEF.											
8017	78	FORD	PINT	140	1	COLD TRANS	.77	6.30	434.7	1.05	19.85
IHC, PPM HEXANE			20			COLD STAB	.47	.77	419.1	.43	21.04
ICO(ACTUAL), PCT			.01			HOT TRANS	.52	1.87	349.9	.52	25.04
						1975 FTP	.54	2.20	403.4	.58	21.72
COMMENTS: LIMITER CAP OK,AIR FLTR DIRTY.											
8018	78	FORD	PINT	140	1	COLD TRANS	1.60	15.15	440.1	1.67	18.93
IHC, PPM HEXANE			70			COLD STAB	.58	3.07	396.4	1.10	22.02
ICO(ACTUAL), PCT			.30			HOT TRANS	1.24	8.50	335.7	1.46	25.14
						1975 FTP	.97	7.04	388.9	1.31	22.02
COMMENTS: LIMITER CAP MIS,CHOKE OFF .094 LEAN AIR FLTR DIRTY,PCV VENT FLTR OILY,ENG CALIBRATION DECAL MIS.											
8019	78	FORD	PINT	140	1	COLD TRANS	2.11	31.62	352.6	.81	21.70
IHC, PPM HEXANE			50			COLD STAB	.73	13.58	369.1	.36	22.60
ICO(ACTUAL), PCT			.01			HOT TRANS	.87	14.90	322.0	.64	25.49
						1975 FTP	1.05	17.65	352.9	.53	23.12
COMMENTS: LIMITER CAP OK,IRPM OFF +250,FAST IRPM OFF -400. AIR PUMP SNSR DISCNCTD AT AIR CLEANER,ALTERNATOR BELT LOOSE.											
8020	78	FORD	PINT	140	1	COLD TRANS	.97	10.42	429.9	1.24	19.75
IHC, PPM HEXANE			35			COLD STAB	.46	1.10	400.3	.71	22.00
ICO(ACTUAL), PCT			.10			HOT TRANS	.58	4.90	335.0	1.06	25.76
						1975 FTP	.60	4.06	388.6	.91	22.37
COMMENTS: LIMITER CAP OK,TIMG OFF -3,OIL CAP DISCNCTD,PCV FLTR DIRTY.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8021	78	FORD	STAW	140	1	COLD TRANS	1.42	10.97	476.9	1.17	17.80
IHC, PPM HEXANE			20			COLD STAB	.36	1.43	467.4	.77	18.85
ICO(ACTUAL), PCT			.01			HOT TRANS	.50	2.40	400.8	1.25	21.85
						1975 FTP	.62	3.66	451.2	.98	19.34

COMMENTS: LIMITER CAP OK,TIMG OFF -6 ,AIR PUMP VAC HOSE WORN,PCV VLV DIRTY.

8022	78	FORD	PINT	140	1	COLD TRANS	3.28	31.11	398.4	.97	19.39
IHC, PPM HEXANE			200			COLD STAB	.62	4.07	398.4	.74	21.82
ICO(ACTUAL), PCT			2.50			HOT TRANS	.91	5.04	347.7	.96	24.76
						1975 FTP	1.25	9.90	384.6	.85	21.96

COMMENTS: LIMITER CAP OK,PCV VLV,VENT FLTR DIRTY.
SPARK DELAY VLV ADDED TO DIST

8023	78	FORD	PINT	140	1	COLD TRANS	1.32	10.50	443.9	1.30	19.10
IHC, PPM HEXANE			40			COLD STAB	.70	2.23	408.6	.81	21.42
ICO(ACTUAL), PCT			.05			HOT TRANS	.68	4.04	348.6	1.27	24.86
						1975 FTP	.82	4.42	399.5	1.03	21.70

COMMENTS: LIMITER CAP OK,IRPM OFF -90,PCV VLV VENT FLTR DIRTY.
AIR FLTR DIRTY,CALIBRATION DECAL MIS,AIR PUMP BELT LOOSE.

8024	78	FORD	PINT	140	1	COLD TRANS	.82	8.83	446.4	1.21	19.18
IHC, PPM HEXANE			20			COLD STAB	.29	1.25	414.6	.62	21.26
ICO(ACTUAL), PCT			.02			HOT TRANS	.36	3.15	360.7	.99	24.20
						1975 FTP	.42	3.33	406.4	.84	21.49

COMMENTS: LIMITER CAP MIS, IRPM OFF -250,DIST VAC HOSE DISCNCTD.
EFC VAC HOSE DISCNCTD,PCV VENT FLTR OILY. AIR PUMP BELT LOOSE.

8025	78	FORD	PINT	140	1	COLD TRANS	5.22	66.38	310.4	.74	20.58
IHC, PPM HEXANE			350			COLD STAB	3.53	48.93	324.0	.28	21.54
ICO(ACTUAL), PCT			6.00			HOT TRANS	2.62	37.27	281.0	.48	25.51
						1975 FTP	3.63	49.34	309.5	.43	22.27

COMMENTS: LIMITER CAP MIS,AIR FLTR DIRTY,FAST IRPM OFF -600,IRPM OFF +140.
AIR CLEANER TVS SNSR FOR DUMP VLV DEF,PCV VENT FLTR OILY
ENGINE CALIBRATION DECAL MIS.

APPENDIX C

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8026	78	FORD	STAW	140	1	COLD TRANS	2.03	20.11	505.9	1.18	16.32
IHC, PPM HEXANE			10			COLD STAB	.58	2.20	485.3	.91	18.09
ICO(ACTUAL), PCT			.20			HOT TRANS	.59	3.26	421.1	1.14	20.73
						1975 FTP	.88	6.18	472.0	1.03	18.32

COMMENTS: LIMITER CAP MIS,CHOKE PULLOFF OFF -.031
AIR FLTR DIRTY,IRPM OFF -250,VAC LINE TO KICKER DISCNCTD.
PCV VLV,VENT FLTR DIRTY,TAC VAC HOSE DISCNCTD AT SNSR.

9027	79	VOLV	244D	130	1	COLD TRANS	1.23	22.84	474.4	3.18	17.26
IHC, PPM HEXANE			90			COLD STAB	1.46	38.62	407.0	.17	18.79
ICO(ACTUAL), PCT			2.00			HOT TRANS	.97	21.81	411.3	.95	19.78
						1975 FTP	1.28	30.79	422.1	1.00	18.71

COMMENTS: LIMITER CAP NA,EFC EXHAUST SNSR DISCNCTD

8028	78	FORD	PINT	140	1	COLD TRANS	2.03	17.83	458.2	.78	18.02
IHC, PPM HEXANE			5			COLD STAB	.52	3.66	425.5	.47	20.50
ICO(ACTUAL), PCT			.01			HOT TRANS	.88	11.34	380.3	.51	22.14
						1975 FTP	.93	8.67	419.9	.54	20.33

COMMENTS: LIMITER CAP OK,IRPM OFF +100,TAC SNSR DEF,TIMG OFF -8.

8029	78	FORD	PINT	140	1	COLD TRANS	.58	6.35	452.5	1.21	19.12
IHC, PPM HEXANE			30			COLD STAB	.29	.43	420.5	.62	21.03
ICO(ACTUAL), PCT			.01			HOT TRANS	.34	2.03	369.5	.94	23.75
						1975 FTP	.36	2.09	413.1	.82	21.26

COMMENTS: LIMITER CAP OK,AIR FLTR,FCV VLV ,VENT FLTR DIRTY.

9030	79	MAZD	GLC	86	1	COLD TRANS	1.47	22.12	292.3	2.40	26.76
IHC, PPM HEXANE			60			COLD STAB	.54	3.89	332.9	.84	26.05
ICO(ACTUAL), PCT			3.10			HOT TRANS	.51	2.92	267.2	1.91	32.47
						1975 FTP	.72	7.38	306.6	1.45	27.70

COMMENTS: LIMITER CAP OK,IRPM OFF +100,3 WAY SOL VLV WIRE DISCNCTED
NO. 3 SPARK PLUG MISFIRE 50 PERCENT.

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8031	78	FORD	PINT	140	1	COLD TRANS	.95	10.36	445.5	1.14	19.10
IHC, PPM HEXANE			20			COLD STAB	.61	1.61	399.6	.76	21.97
ICO(ACTUAL), PCT			.01			HOT TRANS	.87	4.29	345.3	.99	25.01
						1975 FTP	.75	4.14	394.2	.90	22.02
COMMENTS: LIMITER CAP OK,VAC LINE TO TAC PINCHED,AIR PUMP BELT LOOSE NO 3 SPARK PLUG FOULED OUT.											
8032	78	FORD	PINT	140	1	COLD TRANS	.45	9.78	467.7	1.87	18.32
IHC, PPM HEXANE			25			COLD STAB	.19	.23	418.4	.80	21.16
ICO(ACTUAL), PCT			.01			HOT TRANS	.22	2.01	386.0	1.79	22.76
						1975 FTP	.25	2.68	419.7	1.29	20.90
COMMENTS: LIMITER CAP OK,PCV VLV,FLTR DIRTY.											
8033	78	VOLV	2646	163	1	COLD TRANS	1.16	10.56	589.2	1.19	14.56
IHC, PPM HEXANE			20			COLD STAB	.04	.66	604.5	.69	14.65
ICO(ACTUAL), PCT			.70			HOT TRANS	.17	1.95	530.2	1.10	16.63
						1975 FTP	.31	3.05	581.1	.90	15.12
COMMENTS: LIMITER CAP MIS,IRPM OFF +285.											
9034	79	MERC	MARQ	351	1	COLD TRANS	1.05	10.58	751.0	2.79	11.51
IHC, PPM HEXANE			15			COLD STAB	.17	.49	696.2	1.16	12.73
ICO(ACTUAL), PCT			.01			HOT TRANS	.21	2.09	674.9	1.20	13.07
						1975 FTP	.36	3.00	701.7	1.51	12.54
COMMENTS: LIMITER CAP NA											
8035	78	FORD	STAW	140	1	COLD TRANS	.92	18.38	492.3	1.98	16.94
IHC, PPM HEXANE			15			COLD STAB	.25	.74	453.0	.73	19.51
ICO(ACTUAL), PCT			.01			HOT TRANS	.32	2.26	415.7	1.34	21.12
						1975 FTP	.40	4.79	450.9	1.15	19.31
COMMENTS: LIMITER CAP OK,AIR FLTR DIRTY,PCV VENT FLTR DIRTY.											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9036	79	MAZD	GLC	86	1	COLD TRANS	1.87	28.02	297.3	2.11	25.56
IHC, PPM HEXANE		465				COLD STAB	.56	4.50	344.9	.67	25.09
ICO(ACTUAL), PCT		4.50				HOT TRANS	.63	3.51	278.7	1.57	31.01
						1975 FTP	.85	9.07	317.0	1.21	26.57
COMMENTS: LIMITER CAP OK,IRPM OFF +110.											
9037	79	MERC	MARQ	351	1	COLD TRANS	2.97	29.22	625.8	1.78	13.03
IHC, PPM HEXANE		30				COLD STAB	.29	1.23	601.2	.54	14.69
ICO(ACTUAL), PCT		.01				HOT TRANS	.35	2.42	548.2	.87	16.05
						1975 FTP	.86	7.32	591.8	.88	14.65
COMMENTS: LIMITER CAP NA,IRPM OFF -70											
9038	79	MAZD	GLC	86	1	COLD TRANS	1.37	19.44	314.3	2.40	25.42
IHC, PPM HEXANE		250				COLD STAB	.28	2.28	356.9	.76	24.56
ICO(ACTUAL), PCT		1.30				HOT TRANS	.47	4.71	295.6	1.84	29.15
						1975 FTP	.56	6.47	331.4	1.39	25.85
COMMENTS: LIMITER CAP OK,IRPM OFF +175.											
8039	78	FORD	PINT	140	1	COLD TRANS	1.29	12.17	423.7	1.49	19.86
IHC, PPM HEXANE		25				COLD STAB	.69	2.94	398.9	.68	21.88
ICO(ACTUAL), PCT		.40				HOT TRANS	.89	3.43	352.9	1.07	24.58
						1975 FTP	.87	4.97	391.4	.95	22.08
COMMENTS: LIMITER CAP MIS,IRPM OFF -275,TIMG OFF +3. ENGINE CALIBRATION DECAL MIS,AIR DUCT BOLT MISSING,LEAKING AIR.											
9040	79	TOYO	SUPR	156	1	COLD TRANS	2.01	16.74	489.0	.67	17.01
IHC, PPM HEXANE		40				COLD STAB	.13	2.02	533.7	.11	16.52
ICO(ACTUAL), PCT		.01				HOT TRANS	.15	2.01	439.1	.22	20.05
						1975 FTP	.52	5.05	496.7	.25	17.46
COMMENTS: LIMITER CAP NA.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9041	79	MERC	MARQ	351	1	COLD TRANS	.96	11.92	676.4	1.99	12.71
IHC, PPM HEXANE		5				COLD STAB	.18	.18	681.4	.71	13.01
ICO(ACTUAL), PCT		.01				HOT TRANS	.26	1.09	611.8	1.18	14.45
						1975 FTP	.36	2.84	661.4	1.10	13.31
COMMENTS: LIMITER CAP NA.											
8042	80	CHEV	CITA	171	1	COLD TRANS	1.74	24.93	511.4	1.16	15.96
IHC, PPM HEXANE		4				COLD STAB	.06	1.64	544.6	.49	16.22
ICO(ACTUAL), PCT		.01				HOT TRANS	.15	5.10	472.6	1.10	18.45
						1975 FTP	.43	7.38	518.1	.80	16.71
COMMENTS: MIXTURE ADJ PLUG OK. INERTIA 3500,AHP 11.6,NADA 3250 PER EPA.											
8043	78	SAAB	99L	121	1	COLD TRANS	1.43	12.40	429.5	1.55	19.57
IHC, PPM HEXANE		60				COLD STAB	.23	4.25	440.8	.33	19.80
ICO(ACTUAL), PCT		.30				HOT TRANS	.21	2.84	392.1	1.27	22.34
						1975 FTP	.47	5.54	425.2	.84	20.39
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MIS. CANISTER PURGE HOSE DISCNCTD.											
8044	80	CHEV	CITA	151	1	COLD TRANS	1.01	24.85	434.3	2.06	18.63
IHC, PPM HEXANE		5				COLD STAB	.03	.84	441.0	.32	20.06
ICO(ACTUAL), PCT		.02				HOT TRANS	.21	6.52	402.8	.92	21.45
						1975 FTP	.28	7.33	429.2	.84	20.10
COMMENTS: MIXTURE ADJ PLUG OK. INERTIA 3500,AHP 11.6,NADA 3250 PER EPA.											
8045	78	FORD	PINT	140	1	COLD TRANS	.46	9.33	526.8	.81	16.35
IHC, PPM HEXANE		30				COLD STAB	.39	3.09	493.4	.37	17.77
ICO(ACTUAL), PCT		.01				HOT TRANS	.36	2.48	456.8	.65	19.22
						1975 FTP	.40	4.21	490.3	.54	17.82
COMMENTS: LIMITER CAP OK,PCV VENT FLTR DIRTY. VAC ADV LINE DISCNCTD.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9046	79	CHEV	MONZ	151	1	COLD TRANS	1.78	21.14	473.5	.45	17.32
IHC, PPM HEXANE			80			COLD STAB	.14	8.57	603.6	.26	14.37
ICO(ACTUAL), PCT			.40			HOT TRANS	.30	7.47	453.0	.38	19.06
						1975 FTP	.52	10.86	535.7	.33	16.01

COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +300,VENT HOSE TO CARB BOWL DISCNCTD.
NO VAC PRESSURE ON PORTED VAC PORT.
VAC HIGHER THAN SPEC NEEDED TO LEAN EFC CARB.

9047	79	MAZD	GLC	86	1	COLD TRANS	1.51	11.89	298.0	1.69	27.61
IHC, PPM HEXANE			260			COLD STAB	1.39	7.08	337.0	.78	25.17
ICO(ACTUAL), PCT			2.40			HOT TRANS	1.08	6.43	285.9	1.79	29.64
						1975 FTP	1.33	7.90	315.0	1.24	26.76

COMMENTS: LIMITER CAP OK,AIR CLEANER MOUNTING BOLT MIS.

8048	78	FORD	PINT	140	1	COLD TRANS	2.09	52.26	461.9	1.04	16.12
IHC, PPM HEXANE			250			COLD STAB	.70	23.12	433.7	.25	18.79
ICO(ACTUAL), PCT			2.00			HOT TRANS	.70	15.57	419.8	.78	19.88
						1975 FTP	.95	27.06	435.7	.56	18.44

COMMENTS: LIMITER CAP OK,ENGINE CALIBRATION DECAL MIS,PCV VLV DIRTY.
AIR PUMP HOSE BENT AND CLOSING OFF AIR.
CAT EFFICIENCY TEST SHOWS POSSIBLY DEF.

9049	79	MAZD	GLC	86	1	COLD TRANS	1.62	23.93	315.5	2.25	24.77
IHC, PPM HEXANE			245			COLD STAB	.45	3.84	355.5	.70	24.45
ICO(ACTUAL), PCT			2.80			HOT TRANS	.48	3.09	299.4	1.66	29.03
						1975 FTP	.70	7.77	332.0	1.28	25.62

COMMENTS: LIMITER CAP OK,CHOKE PULLOFF OFF +.060,IRPM OFF +125.
EMISSION STICKER MISSING.

9050	79	MAZD	STAW	86	1	COLD TRANS	1.47	25.77	410.4	3.36	19.48
IHC, PPM HEXANE			60			COLD STAB	.20	4.65	376.3	1.02	23.09
ICO(ACTUAL), PCT			4.75			HOT TRANS	.38	6.82	365.7	2.52	23.51
						1975 FTP	.51	9.59	380.4	1.91	22.35

COMMENTS: LIMITER CAP OK,IRPM OFF +150.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9051	79	CHEV	MONZ	151	1	COLD TRANS	1.82	25.65	407.9	.58	19.55
IHC, PPM HEXANE			55			COLD STAB	.35	4.27	499.8	.78	17.48
ICO(ACTUAL), PCT			.10			HOT TRANS	.81	13.01	371.9	.61	22.48
						1975 FTP	.78	11.06	446.0	.69	19.05
COMMENTS: MIXTURE ADJ PLUG OK,DEF ELECTRONIC CONTROL EXHAUST O2 SNSR.											
9052	79	PONT	SUNB	151	1	COLD TRANS	1.72	29.39	493.1	.95	16.29
IHC, PPM HEXANE			25			COLD STAB	.09	6.47	449.3	.62	19.31
ICO(ACTUAL), PCT			.01			HOT TRANS	.28	10.25	422.0	.72	20.22
						1975 FTP	.48	12.22	450.8	.72	18.82
COMMENTS: MIXTURE ADJ PLUG OK,AIR COND SOL IRPM OFF -200,FAST IRPM OFF -1000.											
9053	79	CHEV	MONZ	151	1	COLD TRANS	2.54	43.70	436.1	.88	17.31
IHC, PPM HEXANE			180			COLD STAB	.47	21.02	399.5	.63	20.45
ICO(ACTUAL), PCT			3.50			HOT TRANS	.68	17.41	383.8	.78	21.48
						1975 FTP	.95	24.71	402.7	.72	19.96
COMMENTS: MIXTURE ADJ PLUG MIS,AIR COND SOL IRPM OFF -240. FAST IRPM OFF -500.											
8054	78	PONT	SUNB	151	1	COLD TRANS	6.34	128.05	362.1	.52	15.21
IHC, PPM HEXANE			90			COLD STAB	6.46	131.64	394.0	.39	14.29
ICO(ACTUAL), PCT			8.80			HOT TRANS	4.90	113.93	308.7	.49	17.64
						1975 FTP	6.01	126.07	364.1	.44	15.27
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +300,02 SNSR DEF.											
8055	78	PONT	SUNB	151	1	COLD TRANS	3.44	32.01	477.9	.58	16.46
IHC, PPM HEXANE			60			COLD STAB	.28	8.03	592.3	.47	14.65
ICO(ACTUAL), PCT			.10			HOT TRANS	.72	12.92	443.2	.56	19.06
						1975 FTP	1.05	14.30	528.1	.52	16.02
COMMENTS: MIXTURE ADJ PLUG OK,VAC LINE TO DIST DISCNCTD, PURGE HOSE DISCNCTD AT CNSTR.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9056	79	MAZD	GLC	86	1	COLD TRANS	1.77	22.76	320.3	2.63	24.54
IHC, PPM HEXANE		710				COLD STAB	.58	5.32	371.9	.87	23.23
ICO(ACTUAL), PCT		8.10				HOT TRANS	.75	6.41	296.4	1.95	28.73
						1975 FTP	.87	9.21	340.7	1.53	24.80

COMMENTS: LIMITER CAP MIS

9057	79	MERC	MARQ	351	1	COLD TRANS	3.09	56.80	593.1	2.17	12.82
IHC, PPM HEXANE		620				COLD STAB	3.96	80.90	527.3	.24	13.31
ICO(ACTUAL), PCT		6.50				HOT TRANS	2.08	43.18	531.7	.81	14.64
						1975 FTP	3.26	65.64	542.1	.79	13.54

COMMENTS: LIMITER CAP NA,IRPM OFF -110,02 SNSR DISCNCTD
EEC SYSTEM TESTER SHOWS IDLE MIXTURE MALPERFORMANCE.

8058	78	PONT	SUNB	151	1	COLD TRANS	4.71	97.63	335.1	.29	17.63
IHC, PPM HEXANE		480				COLD STAB	.63	12.63	513.7	.15	16.57
ICO(ACTUAL), PCT		6.90				HOT TRANS	2.88	80.39	343.9	.18	18.51
						1975 FTP	2.08	48.62	430.6	.19	17.28

COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF -290,02 SNSR DEF.

8059	78	CHEV	MONZ	151	1	COLD TRANS	.33	12.09	474.1	.47	17.96
IHC, PPM HEXANE		210				COLD STAB	.30	11.10	435.3	.43	19.56
ICO(ACTUAL), PCT		2.40				HOT TRANS	.46	8.08	410.1	.61	20.92
						1975 FTP	.35	10.48	436.4	.49	19.55

COMMENTS: MIXTURE ADJ PLUG OK,FUEL LINE INLET LEAKS FUEL.
VAC HIGHER THAN SPEC NEEDED TO LEAN EFC CARB.

9060	79	CHEV	MONZ	151	1	COLD TRANS	1.56	21.36	459.7	1.18	17.81
IHC, PPM HEXANE		20				COLD STAB	.08	1.76	530.1	.91	16.65
ICO(ACTUAL), PCT		.03				HOT TRANS	.28	5.10	411.8	1.21	21.10
						1975 FTP	.44	6.71	483.3	1.05	17.92

COMMENTS: MIXTURE ADJ PLUG OK,DEF CHOKE PULLOFF CHECK VLV.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9061	79	PONT	SUNB	151	1	COLD TRANS	1.90	28.86	455.1	.34	17.52
IHC, PPM HEXANE			15			COLD STAB	.09	3.40	492.1	.37	17.83
ICO(ACTUAL), PCT			.01			HOT TRANS	.63	11.23	394.7	.32	21.42
						1975 FTP	.61	10.78	457.9	.35	18.62

COMMENTS: MIXTURE ADJ PLUG OK,CARB FUEL FLTR LEAKS,VAC ADV COOLANT SNSR DEF.

8062	78	CHEV	MONZ	151	1	COLD TRANS	2.23	44.23	405.8	2.75	18.40
IHC, PPM HEXANE			400			COLD STAB	.92	35.83	377.3	1.49	20.33
ICO(ACTUAL), PCT			8.20			HOT TRANS	1.06	23.26	376.9	1.91	21.29
						1975 FTP	1.23	34.13	383.1	1.87	20.14

COMMENTS: MIXTURE ADJ PLUG OK,DEF EGR VLV,AIR FLTR DIRTY
O2 SNSR IMPROPERLY MAINT,FLAG UP AND HIGH CO

8063	78	CHEV	MONZ	151	1	COLD TRANS	6.10	37.19	416.3	1.77	17.96
IHC, PPM HEXANE			130			COLD STAB	.18	6.27	399.0	1.27	21.68
ICO(ACTUAL), PCT			3.50			HOT TRANS	.49	10.86	392.1	.94	21.61
						1975 FTP	1.48	13.88	400.7	1.28	20.77

COMMENTS: MIXTURE ADJ PLUG OK,VAC HIGHER THAN SPEC NEEDED TO LEAN EFC CARB.
DEF CHOKE PULLOFF CHECK VLV,VAC LINE TO EGR VLV DISCNCTD.

9064	79	MAZD	STAW	86	1	COLD TRANS	1.43	23.06	321.9	1.96	24.47
IHC, PPM HEXANE			275			COLD STAB	.26	3.91	359.7	.70	24.20
ICO(ACTUAL), PCT			3.90			HOT TRANS	.34	3.62	308.7	1.53	28.87
						1975 FTP	.53	7.78	335.8	1.18	25.38

COMMENTS: LIMITER CAP OK,IRPM OFF +110.

8065	78	FORD	PINT	140	1	COLD TRANS	1.14	7.69	445.0	1.14	19.26
IHC, PPM HEXANE			80			COLD STAB	.63	.51	402.0	.93	21.93
ICO(ACTUAL), PCT			.50			HOT TRANS	.75	3.12	347.9	1.10	24.99
						1975 FTP	.77	2.70	396.1	1.02	22.04

COMMENTS: LIMITER CAP OK,AIR PUMP DRIVE BELT LOOSE

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9066	79	CHEV	MONZ	151	1	COLD TRANS	.89	13.87	448.0	.70	18.78
IHC, PPM HEXANE		100				COLD STAB	.27	4.65	526.7	.58	16.59
ICO(ACTUAL), PCT		.40				HOT TRANS	.29	5.04	408.4	.80	21.27
						1975 FTP	.40	6.66	478.2	.67	18.11
COMMENTS: MIXTURE ADJ PLUG OK											
9067	79	PONT	SUNB	151	1	COLD TRANS	.85	16.38	488.7	1.06	17.16
IHC, PPM HEXANE		50				COLD STAB	.12	3.27	442.5	.68	19.81
ICO(ACTUAL), PCT		.01				HOT TRANS	.17	3.23	423.7	.91	20.67
						1975 FTP	.28	5.96	446.9	.82	19.41
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +110,FAST IRPM OFF -900.											
9068	79	CHEV	MONZ	151	1	COLD TRANS	.97	13.82	472.3	.48	17.86
IHC, PPM HEXANE		10				COLD STAB	.12	1.97	526.7	.55	16.74
ICO(ACTUAL), PCT		.02				HOT TRANS	.26	4.51	415.7	.60	20.95
						1975 FTP	.33	5.10	485.2	.55	17.96
COMMENTS: MIXTURE ADJ PLUG OK FRESH AIR DUCT DISCNCTD. NO. 1 SPARK PLUG WIRE DEF.											
9069	79	VOLV	264G	163	1	COLD TRANS	1.25	18.05	599.3	1.02	14.05
IHC, PPM HEXANE		50				COLD STAB	.06	1.36	561.2	.44	15.75
ICO(ACTUAL), PCT		.70				HOT TRANS	.36	2.70	538.7	.81	16.31
						1975 FTP	.38	5.16	562.9	.66	15.51
COMMENTS: LIMITER CAP OK,ENGINE VLVS NOISY											
9070	79	PONT	SUNB	151	1	COLD TRANS	2.08	36.13	420.9	.40	18.33
IHC, PPM HEXANE		90				COLD STAB	.33	6.70	479.2	.34	18.08
ICO(ACTUAL), PCT		.90				HOT TRANS	.48	6.02	395.7	.48	21.83
						1975 FTP	.73	12.57	444.4	.37	19.03
COMMENTS: MIXTURE ADJ PLUG OK,CHOKE PULLOFF OFF -.075,EFE MOUNTING LOOSE. O2 SNSR DEF.											

APPENDIX C

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8071	78	CHEV	MONZ	151	1	COLD TRANS	4.44	124.29	346.2	1.17	15.97
IHC, PPM HEXANE		255				COLD STAB	4.14	109.64	313.9	.48	17.77
ICO(ACTUAL), PCT		4.45				HOT TRANS	3.62	106.55	306.4	.57	18.29
						1975 FTP	4.06	111.81	318.5	.65	17.50

COMMENTS: MIXTURE ADJ PLUG OK,AIR COND SOL IRPM OFF +215.
VAC MODULATOR RESERVOIR FOR FEEDBACK CARB PLGD AT RESERVOIR OUTLET

8072	78	PONT	SUNB	151	1	COLD TRANS	5.92	129.94	368.9	.27	15.00
IHC, PPM HEXANE		700				COLD STAB	6.44	139.03	385.1	.19	14.22
ICO(ACTUAL), PCT		7.60				HOT TRANS	4.90	123.96	315.3	.26	16.89
						1975 FTP	5.91	133.05	362.7	.23	15.03

COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF -225,AIR COND SOL IRPM OFF -375
EXHAUST MANIFOLD GASKET LEAK,02 SNSR DEF.

9073	79	CHEV	MONZ	151	1	COLD TRANS	1.12	14.68	444.1	.82	18.85
IHC, PPM HEXANE		50				COLD STAB	.42	9.72	498.9	.61	17.22
ICO(ACTUAL), PCT		.70				HOT TRANS	.45	7.13	402.8	.89	21.36
						1975 FTP	.57	10.03	461.4	.73	18.53

COMMENTS: MIXTURE ADJ PLUG OK

9074	79	TOYO	SUPR	156	1	COLD TRANS	.80	7.13	494.1	.79	17.48
IHC, PPM HEXANE		5				COLD STAB	.01	.56	478.8	.06	18.50
ICO(ACTUAL), PCT		.01				HOT TRANS	.07	1.20	433.0	.11	20.40
						1975 FTP	.19	2.09	469.5	.23	18.75

COMMENTS: LIMITER CAP NA

9075	79	FORD	LTD	351	1	COLD TRANS	.36	3.09	547.4	6.15	16.04
IHC, PPM HEXANE		5				COLD STAB	.07	0.00	545.4	3.74	16.27
ICO(ACTUAL), PCT		.01				HOT TRANS	.11	.39	475.3	6.14	18.64
						1975 FTP	.14	.74	526.7	4.89	16.80

COMMENTS: MIXTURE ADJ PLUG OK,AIR PUMP BELT LOOSE.
EEC TEST SHOWS NO SIGNAL FROM ELEC CONTROL UNIT TO EGR SOL.

APPENDIX C

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ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8076	78	FORD	PINT	140	1	COLD TRANS	1.16	13.26	408.7	.94	20.49
IHC, PPM HEXANE			90			COLD STAB	.62	3.22	417.7	.60	20.90
ICO(ACTUAL), PCT			.30			HOT TRANS	.58	4.87	358.3	1.01	24.13
						1975 FTP	.72	5.74	399.6	.78	21.60
COMMENTS: LIMITER PLUG OK,AIR DUCT BOLT MISSING ON AIR CLEANER.											
9077	79	CHEV	MONZ	151	1	COLD TRANS	2.93	51.09	433.7	.40	16.96
IHC, PPM HEXANE			210			COLD STAB	2.57	53.86	503.6	.20	14.88
ICO(ACTUAL), PCT			5.90			HOT TRANS	2.70	56.91	358.9	.40	19.42
						1975 FTP	2.68	54.12	449.7	.30	16.34
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +200,TIMG OFF -6. CHOKE PULLOFF CHECK VLV DEF,02 SNSR DEF.											
8078	78	CHEV	MONZ	151	1	COLD TRANS	1.25	28.38	406.0	1.91	19.52
IHC, PPM HEXANE			20			COLD STAB	.08	2.35	407.3	.62	21.58
ICO(ACTUAL), PCT			.20			HOT TRANS	.26	5.77	377.3	.71	22.92
						1975 FTP	.37	8.64	398.8	.91	21.46
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +120.											
5079	79	TOYO	SUPR	156	1	COLD TRANS	.71	6.99	496.2	.55	17.42
IHC, PPM HEXANE			5			COLD STAB	.01	.49	496.9	.04	17.83
ICO(ACTUAL), PCT			.01			HOT TRANS	.05	1.09	447.6	.13	19.75
						1975 FTP	.16	1.99	483.3	.17	18.23
COMMENTS: LIMITER CAP NA											
8080	78	PONT	SUNB	151	1	COLD TRANS	1.82	24.15	446.8	.41	18.10
IHC, PPM HEXANE			575			COLD STAB	.48	7.65	489.5	.38	17.64
ICO(ACTUAL), PCT			7.75			HOT TRANS	.73	9.22	391.9	.31	21.71
						1975 FTP	.82	11.47	454.1	.37	18.70
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF -275,CARB SOL WIRE DISCNCTD 02 SNSR IMPROPERLY MAINT,FLAG UP AND HIGH CO.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9081	79	MAZD	626	120	1	COLD TRANS	1.20	18.97	406.8	2.12	20.15
IHC, PPM HEXANE			300			COLD STAB	.17	.28	345.6	.49	25.61
ICO(ACTUAL), PCT			2.60			HOT TRANS	.40	3.15	365.0	.93	23.91
						1975 FTP	.44	4.91	363.5	.94	23.82
COMMENTS: LIMITER CAP OK,CHOKE PULLOFF OFF -.064.											
8082	78	CHEV	STAW	151	1	COLD TRANS	2.05	40.39	430.1	1.67	17.75
IHC, PPM HEXANE			100			COLD STAB	.18	3.15	409.0	.40	21.41
ICO(ACTUAL), PCT			.60			HOT TRANS	.68	13.98	393.0	.48	21.28
						1975 FTP	.70	13.77	409.0	.69	20.50
COMMENTS: MIXTURE ADJ PLUG OK,PCV VLV DIRTY,EXHAUST MANIFOLD GASKET LEAK, EFC MODULATOR VENT HOSE CLOSED OFF BY AIR CLEANER. O2 SNSR IMPROPERLY MAINT,FLAG UP AND HIGH CO.											
9083	79	TOYO	SUPR	156	1	COLD TRANS	.76	8.58	497.3	.72	17.29
IHC, PPM HEXANE			10			COLD STAB	.01	.69	484.2	.08	18.29
ICO(ACTUAL), PCT			.01			HOT TRANS	.06	1.11	441.9	.21	20.00
						1975 FTP	.18	2.43	475.3	.25	18.50
COMMENTS: LIMITER CAP NA											
9084	79	MAZD	626	120	1	COLD TRANS	.92	17.74	394.5	1.70	20.87
IHC, PPM HEXANE			250			COLD STAB	.06	1.02	379.0	.34	23.31
ICO(ACTUAL), PCT			2.40			HOT TRANS	.19	4.07	358.7	.64	24.27
						1975 FTP	.28	5.30	376.6	.70	23.00
COMMENTS: LIMITER CAP OK.											
9085	79	VOLV	242D	130	1	COLD TRANS	.84	11.56	515.9	1.56	16.54
IHC, PPM HEXANE			95			COLD STAB	.15	1.97	473.0	.29	18.62
ICO(ACTUAL), PCT			4.05			HOT TRANS	.27	3.59	448.0	.93	19.53
						1975 FTP	.32	4.39	475.0	.72	18.38
COMMENTS: LIMITER CAP NA,CO MIXTURE PLUG AND ROD MIS HIGH RESISTANCE IN COIL WIRE.											

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LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9086	79	MAZD	GLC	86	1	COLD TRANS	1.30	20.61	322.4	2.04	24.73
IHC, PPM HEXANE			300			COLD STAB	.25	1.48	359.9	.76	24.45
ICO(ACTUAL), PCT			4.10			HOT TRANS	.31	1.64	297.9	1.58	29.44
						1975 FTP	.48	5.46	335.3	1.25	25.70
COMMENTS: LIMITER CAP OK,IRPM OFF +175											
9087	79	MAZD	626	120	1	COLD TRANS	.96	19.39	348.0	1.96	23.26
IHC, PPM HEXANE			410			COLD STAB	.20	2.81	386.1	.41	22.69
ICO(ACTUAL), PCT			2.35			HOT TRANS	.22	1.17	316.6	1.04	27.64
						1975 FTP	.36	5.78	359.8	.90	23.98
COMMENTS: LIMITER CAP OK,CHOKE PULLOFF OFF -.067											
9088	79	MAZD	626	120	1	COLD TRANS	.94	13.34	361.7	2.35	23.02
IHC, PPM HEXANE			300			COLD STAB	.14	1.92	416.6	.30	21.13
ICO(ACTUAL), PCT			2.40			HOT TRANS	.19	.61	342.9	.97	25.77
						1975 FTP	.32	3.91	385.2	.90	22.62
COMMENTS: LIMITER CAP OK,IRPM OFF +100,CHOKE PULLOFF OFF -.069.											
9089	79	MAZD	626	120	1	COLD TRANS	.89	13.65	359.8	2.11	23.11
IHC, PPM HEXANE			310			COLD STAB	.20	2.23	407.2	.43	21.58
ICO(ACTUAL), PCT			1.00			HOT TRANS	.21	.64	330.6	1.11	26.71
						1975 FTP	.35	4.14	376.5	.96	23.10
COMMENTS: LIMITER CAP OK,VAC BREAK OFF -.074.											
9090	79	MAZD	626	120	1	COLD TRANS	.97	20.06	404.4	1.93	20.22
IHC, PPM HEXANE			240			COLD STAB	.12	.33	385.2	.41	22.99
ICO(ACTUAL), PCT			2.20			HOT TRANS	.23	3.76	367.4	.74	23.73
						1975 FTP	.32	5.33	384.3	.81	22.54
COMMENTS: LIMITER CAP OK.											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9091	79	MAZD	626	120	1	COLD TRANS	.82	13.04	383.7	2.31	21.82
IHC, PPM HEXANE			240			COLD STAB	.13	.43	354.2	.32	24.98
ICO(ACTUAL), PCT			2.90			HOT TRANS	.21	1.67	347.8	.62	25.28
						1975 FTP	.29	3.37	358.5	.81	24.33
COMMENTS: LIMITER CAP OK.											
9092	79	MAZD	GLC	86	1	COLD TRANS	1.21	23.09	307.4	2.09	25.54
IHC, PPM HEXANE			260			COLD STAB	.31	2.05	345.2	.70	25.40
ICO(ACTUAL), PCT			2.10			HOT TRANS	.32	1.36	280.6	1.67	31.27
						1975 FTP	.50	6.19	319.8	1.25	26.81
COMMENTS: LIMITER CAP OK,IRPM OFF +160,											
9093	79	MAZD	GLC	86	1	COLD TRANS	.87	16.60	364.2	4.40	22.58
IHC, PPM HEXANE			430			COLD STAB	.10	1.43	338.4	2.39	26.03
ICO(ACTUAL), PCT			3.40			HOT TRANS	.23	1.17	330.5	4.41	26.65
						1975 FTP	.30	4.48	341.5	3.36	25.39
COMMENTS: LIMITER CAP OK,VAC HOSE TO EGR VLV DISCNCTD											
9094	79	MAZD	626	120	1	COLD TRANS	1.09	22.31	401.9	1.65	20.15
IHC, PPM HEXANE			225			COLD STAB	.09	1.71	377.9	.38	23.30
ICO(ACTUAL), PCT			3.25			HOT TRANS	.26	6.43	361.7	.60	23.82
						1975 FTP	.35	7.24	378.4	.70	22.71
COMMENTS: LIMITER CAP OK,											
9095	79	MAZD	GLC	86	1	COLD TRANS	1.69	24.21	253.0	1.68	29.95
IHC, PPM HEXANE			420			COLD STAB	.33	1.69	295.0	.45	29.72
ICO(ACTUAL), PCT			4.10			HOT TRANS	.35	1.09	241.7	.98	36.30
						1975 FTP	.61	6.16	271.8	.85	31.32
COMMENTS: LIMITER CAP OK,											

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ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9096	79	MERC	STAW	351	1	COLD TRANS	1.75	13.51	778.5	1.69	11.02
IHC, PPM HEXANE			5			COLD STAB	.09	.05	718.3	.60	12.35
ICO(ACTUAL), PCT			.01			HOT TRANS	.21	1.03	705.9	.97	12.53
						1975 FTP	.46	3.09	727.3	.93	12.10
COMMENTS: MIXTURE ADJ PLUG OK											
9097	79	FORD	LTD	351	1	COLD TRANS	.44	3.65	683.3	2.04	12.86
IHC, PPM HEXANE			5			COLD STAB	.12	.03	663.4	.63	13.37
ICO(ACTUAL), PCT			.01			HOT TRANS	.12	.31	604.8	.83	14.65
						1975 FTP	.18	.85	651.5	.97	13.58
COMMENTS: MIXTURE ADJ PLUG OK.											
9098	79	MAZD	626	120	1	COLD TRANS	.99	15.29	367.7	1.92	22.48
IHC, PPM HEXANE			250			COLD STAB	.14	5.32	413.4	.33	21.02
ICO(ACTUAL), PCT			2.20			HOT TRANS	.17	2.34	346.5	.77	25.31
						1975 FTP	.32	6.56	385.7	.78	22.36
COMMENTS: LIMITER CAP OK											
9099	79	MERC	MARQ	351	1	COLD TRANS	1.01	12.45	624.8	1.48	13.71
IHC, PPM HEXANE			5			COLD STAB	.17	.03	616.9	.67	14.37
ICO(ACTUAL), PCT			.01			HOT TRANS	.18	.53	554.3	.64	15.97
						1975 FTP	.35	2.72	601.5	.83	14.63
COMMENTS: MIXTURE ADJ PLUG OK, FAST IRPM OFF -500											
9100	79	FORD	LTD	351	1	COLD TRANS	1.23	13.26	601.4	1.16	14.18
IHC, PPM HEXANE			10			COLD STAB	1.27	22.53	538.0	.56	15.37
ICO(ACTUAL), PCT			.01			HOT TRANS	.85	14.71	505.6	.77	16.70
						1975 FTP	1.15	18.49	542.2	.74	15.44
COMMENTS: MIXTURE ADJ PLUG OK. EEC SYSTEM TEST SHOWS CANISTER PURGE WIRE CIRCUIT DEF.											

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LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9101	79	MERC	MARQ	351	1	COLD TRANS	1.18	11.31	616.5	1.32	13.91
IHC, PPM HEXANE			430			COLD STAB	.26	.38	590.2	.66	15.00
ICO(ACTUAL), PCT			6.00			HOT TRANS	1.08	24.71	520.7	.52	15.77
						1975 FTP	.67	9.27	576.7	.76	14.96
COMMENTS: MIXTURE ADJ PLUG OK,EEC SYSTEM TEST SHOWS O2 SNSR DEF.											
9102	79	MERC	MARQ	351	1	COLD TRANS	.42	5.35	643.7	1.23	13.58
IHC, PPM HEXANE			5			COLD STAB	.13	.03	626.8	.44	14.15
ICO(ACTUAL), PCT			.01			HOT TRANS	.15	.70	579.1	.58	15.28
						1975 FTP	.19	1.30	617.3	.64	14.32
COMMENTS: MIXTURE ADJ PLUG OK,EEC SYSTEM TEST SHOWS EGR VLV SNSR DEF.											
9103	79	MERC	MARQ	351	1	COLD TRANS	.44	4.87	587.9	1.64	14.87
IHC, PPM HEXANE			5			COLD STAB	.18	.13	565.3	.63	15.68
ICO(ACTUAL), PCT			.01			HOT TRANS	.19	1.17	522.5	.66	16.91
						1975 FTP	.24	1.39	558.3	.85	15.82
COMMENTS: MIXTURE ADJ PLUG OK											
9104	79	VOLV	264G	163	1	COLD TRANS	1.23	12.84	502.3	.44	16.86
IHC, PPM HEXANE			80			COLD STAB	.21	2.84	517.5	.18	16.98
ICO(ACTUAL), PCT			2.18			HOT TRANS	.42	4.57	445.4	.23	19.55
						1975 FTP	.48	5.37	494.7	.21	17.59
COMMENTS: LIMITER CAP OK.											
9105	79	VOLV	264G	163	1	COLD TRANS	.92	8.89	579.7	.78	14.88
IHC, PPM HEXANE			80			COLD STAB	.03	.46	551.7	.56	16.06
ICO(ACTUAL), PCT			2.00			HOT TRANS	.12	2.37	678.5	.34	13.00
						1975 FTP	.24	2.71	592.1	.54	14.86
COMMENTS: LIMITER CAP OK											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9106	79	MERC	MARQ	351	1	COLD TRANS	.89	18.05	657.3	1.75	12.89
IHC, PPM HEXANE			5			COLD STAB	.14	.20	614.2	.84	14.43
ICO(ACTUAL), PCT			.01			HOT TRANS	.25	7.10	468.9	.72	18.46
						1975 FTP	.32	5.76	583.4	.99	14.95
COMMENTS: MIXTURE ADJ PLUG OK											
9107	79	FORD	LTD	351	1	COLD TRANS	2.07	36.18	683.3	2.21	11.89
IHC, PPM HEXANE			20			COLD STAB	.21	.05	623.0	1.06	14.23
ICO(ACTUAL), PCT			.03			HOT TRANS	.59	6.30	574.7	1.44	15.13
						1975 FTP	.70	9.19	622.2	1.40	13.89
COMMENTS: MIXTURE ADJ PLUG OK,AIR FLTR DIRTY,FAST IDLE STICKS ON HIGH STEP.											
9108	79	MERC	MARQ	351	1	COLD TRANS	.70	7.52	678.5	2.28	12.82
IHC, PPM HEXANE			15			COLD STAB	.18	.10	660.1	.98	13.43
ICO(ACTUAL), PCT			.01			HOT TRANS	.32	.86	608.1	1.03	14.54
						1975 FTP	.33	1.84	649.7	1.26	13.58
COMMENTS: MIXTURE ADJ PLUG OK,TAC SNSR DEF,AIR FLTR CRUSHED. FAST IDLE STICKS ON HIGH STEP,AIR PUMP BELT LOOSE. EEC SYSTEM CHECK SHOWS CANISTER PURGE SYSTEM MALFUNCTION.											
8109	78	VOLV	264G	163	1	COLD TRANS	1.87	17.21	603.0	1.61	13.95
IHC, PPM HEXANE			45			COLD STAB	.64	5.17	662.8	.87	13.19
ICO(ACTUAL), PCT			2.50			HOT TRANS	.73	5.96	523.2	1.24	16.59
						1975 FTP	.92	7.86	612.4	1.12	14.14
COMMENTS: LIMITER CAP OK											
9110	79	FORD	STAW	351	1	COLD TRANS	.70	11.39	734.1	1.91	11.77
IHC, PPM HEXANE			10			COLD STAB	.18	.10	686.7	.90	12.91
ICO(ACTUAL), PCT			.01			HOT TRANS	.20	1.14	648.4	.95	13.64
						1975 FTP	.30	2.71	686.0	1.12	12.84
COMMENTS: MIXTURE ADJ PLUG OK,TAC DOOR BINDS AT TIMES,TAC SNSR DEF. FRESH AIR DUCT HOSE NOT CNCTD,AIR PUMP BELT LOOSE.											

APPENDIX C

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ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9111	79	VOLV	242D	130	1	COLD TRANS	.52	7.86	495.5	1.58	17.42
IHC, PPM HEXANE		55				COLD STAB	.03	.41	532.7	.21	16.64
ICO(ACTUAL), PCT		1.10				HOT TRANS	.06	.58	440.4	.91	20.10
						1975 FTP	.14	1.99	499.9	.69	17.63
COMMENTS: LIMITER CAP NA, TIMG OFF -3.											
9112	79	FORD	LTD	351	1	COLD TRANS	.75	5.68	671.0	2.01	13.01
IHC, PPM HEXANE		2				COLD STAB	.25	.72	643.8	.58	13.75
ICO(ACTUAL), PCT		.01				HOT TRANS	.22	1.64	591.1	.88	14.93
						1975 FTP	.35	1.99	635.0	.95	13.88
COMMENTS: MIXTURE ADJ PLUG OK,AIR PUMP BELT LOOSE											
9113	79	VOLK	CAMP	120	1	COLD TRANS	3.40	117.47	445.4	.75	13.85
IHC, PPM HEXANE		290				COLD STAB	3.08	181.76	428.5	.54	12.26
ICO(ACTUAL), PCT		2.50				HOT TRANS	1.63	98.33	391.0	.55	16.12
						1975 FTP	2.75	145.77	421.8	.59	13.46
COMMENTS: LIMITER CAP NA											
9114	79	VOLV	242D	130	1	COLD TRANS	.60	8.38	455.3	.84	18.87
IHC, PPM HEXANE		80				COLD STAB	.06	1.28	501.7	.21	17.61
ICO(ACTUAL), PCT		.70				HOT TRANS	.11	1.48	412.6	.55	21.37
						1975 FTP	.19	2.80	467.8	.43	18.77
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MISSING											
9115	79	VOLK	STAW	120	1	COLD TRANS	1.32	31.73	517.5	1.35	15.53
IHC, PPM HEXANE		20				COLD STAB	.10	2.20	564.4	.79	15.62
ICO(ACTUAL), PCT		.70				HOT TRANS	.26	7.44	463.7	1.30	18.64
						1975 FTP	.40	9.71	527.3	1.04	16.32
COMMENTS: LIMITER CAP NA											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9116	79	VOLK	CAMP	120	1	COLD TRANS	1.30	25.71	508.6	1.37	16.05
IHC, PPM HEXANE			35			COLD STAB	.04	1.05	579.3	1.04	15.27
ICO(ACTUAL), PCT			1.70			HOT TRANS	.21	9.47	480.6	.98	17.89
						1975 FTP	.34	8.42	537.8	1.05	16.07
COMMENTS: LIMITER CAP NA											
9117	79	FORD	LTD	351	1	COLD TRANS	1.34	8.50	676.4	4.03	12.79
IHC, PPM HEXANE			4			COLD STAB	.05	.03	642.4	3.13	13.81
ICO(ACTUAL), PCT			.01			HOT TRANS	.09	.25	588.5	3.76	15.06
						1975 FTP	.33	1.83	634.7	3.49	13.90
COMMENTS: MIXTURE ADJ PLUG OK,VAC HOSE TO EGR RESERVOIR NOT CNCTD. EEC SYSTEM TEST SHOW NO RPM DROP ON EGR,TIMG OFF +3. VAC HOSE TO DIVERTER SOL ON DUAL AIR CONTROL SOL NOT CNCTD.											
9118	79	VOLV	242D	130	1	COLD TRANS	.79	10.64	479.2	.64	17.81
IHC, PPM HEXANE			65			COLD STAB	.07	.77	467.1	.08	18.94
ICO(ACTUAL), PCT			1.60			HOT TRANS	.12	.58	427.0	.33	20.72
						1975 FTP	.23	2.75	458.7	.27	19.14
COMMENTS: LIMITER CAP NA											
9119	79	MERC	MARQ	351	1	COLD TRANS	.42	1.56	739.4	2.92	11.94
IHC, PPM HEXANE			5			COLD STAB	.14	2.23	636.6	1.67	13.86
ICO(ACTUAL), PCT			.02			HOT TRANS	.21	1.36	616.2	1.81	14.34
						1975 FTP	.22	1.85	652.2	1.97	13.53
COMMENTS: MIXTURE ADJ PLUG OK,EEC SYSTEM TEST OK, EGR VLV POSITION SNSR TEST OK.											
9120	79	VOLV	244D	130	1	COLD TRANS	.70	10.92	480.3	.62	17.76
IHC, PPM HEXANE			30			COLD STAB	.03	.46	450.1	.04	19.68
ICO(ACTUAL), PCT			.30			HOT TRANS	.10	.67	404.8	.16	21.85
						1975 FTP	.19	2.67	444.0	.19	19.78
COMMENTS: LIMITER CAP NA,IRPM OFF +150											

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EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8121	78	VOLV	242G	130	1	COLD TRANS	.94	14.84	478.3	1.16	17.63
IHC, PPM HEXANE		80				COLD STAB	.10	3.02	518.7	.40	16.95
ICO(ACTUAL), PCT		1.40				HOT TRANS	.16	3.26	428.9	.74	20.42
						1975 FTP	.29	5.35	485.9	.65	17.92
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MISSING											
9122	79	VOLV	264G	163	1	COLD TRANS	.93	12.01	600.4	.80	14.26
IHC, PPM HEXANE		50				COLD STAB	.03	1.00	653.7	.35	13.54
ICO(ACTUAL), PCT		1.75				HOT TRANS	.10	1.34	526.2	.61	16.79
						1975 FTP	.23	3.36	608.0	.52	14.46
COMMENTS: LIMITER CAP OK.											
9123	79	VOLV	244D	130	1	COLD TRANS	1.14	12.51	467.1	1.87	18.10
IHC, PPM HEXANE		90				COLD STAB	.23	2.23	446.2	.53	19.70
ICO(ACTUAL), PCT		1.20				HOT TRANS	.57	4.87	414.5	1.82	20.93
						1975 FTP	.51	5.06	441.9	1.16	19.66
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MISSING											
9124	79	VOLV	264G	163	1	COLD TRANS	1.24	11.09	581.7	.78	14.72
IHC, PPM HEXANE		60				COLD STAB	.04	.69	560.5	.55	15.80
ICO(ACTUAL), PCT		3.95				HOT TRANS	.12	1.48	504.4	.75	17.50
						1975 FTP	.31	3.04	549.5	.65	15.98
COMMENTS: LIMITER CAP MIS,LEFT BANK RICHER THEN RIGHT BANK.											
9125	79	VOLV	244D	130	1	COLD TRANS	.80	9.28	481.0	1.01	17.82
IHC, PPM HEXANE		100				COLD STAB	.01	.03	434.5	.27	20.42
ICO(ACTUAL), PCT		2.30				HOT TRANS	.09	.84	420.0	.47	21.05
						1975 FTP	.19	2.15	440.1	.53	19.99
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MISSING. IRPM OFF -250.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9126	79	VOLV	242G	130	1	COLD TRANS	1.00	11.95	448.2	1.55	18.88
IHC, PPM HEXANE		145				COLD STAB	.05	.72	496.3	.71	17.84
ICO(ACTUAL), PCT		1.60				HOT TRANS	.14	2.40	398.2	1.23	22.06
						1975 FTP	.27	3.49	459.6	1.02	19.05
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MIS,IRPM OFF -110.											
9127	79	MAZD	GLC	86	1	COLD TRANS	1.94	34.18	301.9	1.94	24.54
IHC, PPM HEXANE		400				COLD STAB	.76	7.47	327.5	.93	25.98
ICO(ACTUAL), PCT		2.10				HOT TRANS	.78	7.83	277.2	1.51	30.40
						1975 FTP	1.01	13.06	308.5	1.30	26.71
COMMENTS: LIMITER CAP MIS,AIR CLEANER MOUNTING BOLT MIS. SPARK DELAY VLV DEF,VAC LINES RERTD SO DIST RECEIVES FULL VAC ADV.											
9128	79	MAZD	GLC	86	1	COLD TRANS	1.27	20.31	315.6	2.14	25.25
IHC, PPM HEXANE		420				COLD STAB	.24	2.79	356.2	.77	24.57
ICO(ACTUAL), PCT		5.00				HOT TRANS	.30	3.59	291.9	1.79	29.73
						1975 FTP	.47	6.61	330.3	1.33	25.94
COMMENTS: LIMITER CAP OK,IRPM OFF +100.											
9129	79	VOLV	244D	130	1	COLD TRANS	.71	11.39	503.0	1.57	16.96
IHC, PPM HEXANE		55				COLD STAB	.03	.20	477.9	.46	18.56
ICO(ACTUAL), PCT		1.70				HOT TRANS	.11	1.23	450.9	1.13	19.56
						1975 FTP	.19	2.79	475.7	.87	18.46
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MIS,IRPM OFF +220 TIMG OFF -3.											
9130	79	MAZD	626	120	1	COLD TRANS	1.10	18.55	371.3	2.42	21.97
IHC, PPM HEXANE		190				COLD STAB	.21	.90	349.7	.47	25.23
ICO(ACTUAL), PCT		1.40				HOT TRANS	.27	1.03	334.7	.77	26.32
						1975 FTP	.41	4.57	350.1	.96	24.75
COMMENTS: LIMITER CAP OK.											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9131	79	MAZD	GLC	86	1	COLD TRANS	1.17	20.08	303.9	2.16	26.17
IHC, PPM HEXANE		290				COLD STAB	.48	3.35	340.0	.91	25.60
ICO(ACTUAL), PCT		3.20				HOT TRANS	.40	3.15	279.5	1.72	31.07
						1975 FTP	.60	6.74	316.0	1.39	27.02
COMMENTS: LIMITER CAP OK,IRPM OFF +125,VAC BREAK OFF -.023 AIR INJECTION AIR SILENCER BOLT MIS.											
9132	79	MAZD	GLC	86	1	COLD TRANS	1.64	25.35	289.6	1.90	26.52
IHC, PPM HEXANE		250				COLD STAB	.47	3.68	339.4	.62	25.60
ICO(ACTUAL), PCT		4.10				HOT TRANS	.54	2.90	275.0	1.38	31.56
						1975 FTP	.73	7.93	311.6	1.09	27.20
COMMENTS: LIMITER CAP OK,IRPM OFF +275,VAC BREAK OFF -.035											
9133	79	MAZD	GLC	86	1	COLD TRANS	1.33	21.67	310.0	2.36	25.49
IHC, PPM HEXANE		475				COLD STAB	.35	4.07	332.5	.76	26.11
ICO(ACTUAL), PCT		5.20				HOT TRANS	.30	2.51	278.6	1.73	31.31
						1975 FTP	.53	7.26	313.2	1.36	27.20
COMMENTS: LIMITER CAP OK,IRPM OFF +125.											
9134	79	MAZD	626	120	1	COLD TRANS	1.50	15.46	349.0	2.21	23.48
IHC, PPM HEXANE		200				COLD STAB	.50	2.94	382.0	.47	22.86
ICO(ACTUAL), PCT		1.10				HOT TRANS	.47	1.70	317.0	.90	27.64
						1975 FTP	.70	5.18	357.5	.95	24.13
COMMENTS: LIMITER CAP OK.											
9135	79	MAZD	GLC	86	1	COLD TRANS	2.31	26.52	304.3	2.02	25.12
IHC, PPM HEXANE		350				COLD STAB	.82	4.19	323.2	.83	26.70
ICO(ACTUAL), PCT		3.75				HOT TRANS	.94	5.29	272.6	1.73	31.27
						1975 FTP	1.16	9.09	305.5	1.32	27.44
COMMENTS: LIMITER CAP OK,IRPM OFF +110.											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9136	79	MAZD	GLC	86	1	COLD TRANS	1.92	28.75	273.5	1.91	27.33
IHC, PPM HEXANE			490			COLD STAB	1.46	9.18	323.2	.73	25.94
ICO(ACTUAL), PCT			5.00			HOT TRANS	1.08	6.49	265.3	1.49	31.82
						1975 FTP	1.45	12.43	297.2	1.18	27.62
COMMENTS: LIMITER CAP OK,IRPM OFF +250,AIR FLTR DIRTY.											
9137	79	MAZD	626	120	1	COLD TRANS	.94	14.99	337.3	2.16	24.39
IHC, PPM HEXANE			260			COLD STAB	.14	3.32	364.6	.44	23.97
ICO(ACTUAL), PCT			1.50			HOT TRANS	.16	1.62	291.0	.92	30.19
						1975 FTP	.31	5.26	338.9	.93	25.50
COMMENTS: LIMITER CAP OK.											
9138	79	MAZD	626	120	1	COLD TRANS	1.16	13.87	345.7	2.35	23.91
IHC, PPM HEXANE			275			COLD STAB	.24	2.61	370.3	.52	23.66
ICO(ACTUAL), PCT			1.40			HOT TRANS	.25	1.31	310.5	1.07	28.32
						1975 FTP	.43	4.57	348.9	1.04	24.83
COMMENTS: LIMITER CAP OK,IRPM OFF +130.											
9139	79	MAZD	626	120	1	COLD TRANS	1.12	17.91	346.9	2.33	23.44
IHC, PPM HEXANE			210			COLD STAB	.16	1.25	383.1	.56	23.02
ICO(ACTUAL), PCT			2.75			HOT TRANS	.19	1.17	317.5	1.00	27.74
						1975 FTP	.37	4.66	357.8	1.04	24.23
COMMENTS: LIMITER CAP OK.											
9140	79	MAZD	GLC	86	1	COLD TRANS	1.87	25.18	288.5	2.42	26.57
IHC, PPM HEXANE			390			COLD STAB	1.02	5.52	313.2	.88	27.30
ICO(ACTUAL), PCT			2.85			HOT TRANS	1.11	5.49	257.6	1.95	32.91
						1975 FTP	1.22	9.56	292.9	1.49	28.46
COMMENTS: LIMITER CAP OK,VAC BREAK OFF -.045,TIMG OFF +3.											

APPENDIX C

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9141	79	MAZD	GLC	86	1	COLD TRANS	1.55	22.56	314.5	2.36	25.01
IHC, PPM HEXANE		210				COLD STAB	.46	1.79	326.1	.91	26.87
ICO(ACTUAL), PCT		2.25				HOT TRANS	.50	2.06	277.5	1.93	31.44
						1975 FTP	.69	6.14	310.4	1.48	27.54
COMMENTS: LIMITER CAP OK,IRPM OFF +175,VAC BREAK OFF -.035											
9142	79	MAZD	GLC	86	1	COLD TRANS	1.96	23.82	303.5	1.75	25.57
IHC, PPM HEXANE		420				COLD STAB	.29	4.48	335.4	.58	25.85
ICO(ACTUAL), PCT		5.20				HOT TRANS	.35	2.12	279.5	1.36	31.26
						1975 FTP	.65	7.81	313.6	1.03	27.07
COMMENTS: LIMITER CAP OK,TIMG OFF +3.											
9143	79	MAZD	GLC	86	1	COLD TRANS	1.47	24.74	282.8	2.05	27.20
IHC, PPM HEXANE		250				COLD STAB	.32	1.99	328.9	.67	26.65
ICO(ACTUAL), PCT		2.60				HOT TRANS	.40	2.12	264.0	1.60	33.04
						1975 FTP	.58	6.71	301.7	1.21	28.26
COMMENTS: LIMITER CAP OK,IRPM OFF +110,VAC BREAK OFF -.023,ONE REED VLV DEF.											
9144	79	MAZD	GLC	86	1	COLD TRANS	1.23	23.12	284.2	1.98	27.36
IHC, PPM HEXANE		210				COLD STAB	.42	2.74	314.4	.76	27.73
ICO(ACTUAL), PCT		2.50				HOT TRANS	.35	1.89	262.6	1.50	33.28
						1975 FTP	.57	6.70	294.1	1.22	28.97
COMMENTS: LIMITER CAP OK,IRPM OFF +125,VAC BREAK OFF -.090 AIR COND FUSE BLOWN SO NO VOLTAGE TO 3WAY SOL VLV. GAS FILLER NECK RESTRICTER FLAP MIS.											
8145	78	VOLV	STAW	163	1	COLD TRANS	1.45	18.08	576.7	1.92	14.56
IHC, PPM HEXANE		50				COLD STAB	.10	1.82	563.8	.99	15.66
ICO(ACTUAL), PCT		1.30				HOT TRANS	.25	4.09	504.7	1.40	17.34
						1975 FTP	.42	5.78	550.3	1.30	15.83
COMMENTS: LIMITER CAP OK,CO MIXTURE PLUG SEAL BROKEN.											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9146	79	VOLV	264G	163	1	COLD TRANS	1.49	12.53	589.7	.88	14.45
IHC, PPM HEXANE			60			COLD STAB	.07	2.12	634.1	.52	13.92
ICO(ACTUAL), PCT			.40			HOT TRANS	.16	2.51	523.5	.63	16.81
						1975 FTP	.39	4.37	594.8	.62	14.72
COMMENTS: ONE LIMITER CAP MIS,IRPM OFF -130.											
9147	79	VOLV	264G	163	1	COLD TRANS	1.66	11.50	569.5	.62	14.97
IHC, PPM HEXANE			40			COLD STAB	.10	1.07	551.8	.27	16.03
ICO(ACTUAL), PCT			.50			HOT TRANS	.31	2.81	501.4	.29	17.51
						1975 FTP	.48	3.70	541.7	.35	16.17
COMMENTS: LIMITER CAP OK,IDLE CO OFF .20 PCT LEAN.											
9148	79	VOLV	242D	130	1	COLD TRANS	.80	9.81	466.2	1.06	18.33
IHC, PPM HEXANE			40			COLD STAB	.04	1.00	523.0	.24	16.91
ICO(ACTUAL), PCT			.50			HOT TRANS	.08	.89	429.1	.53	20.61
						1975 FTP	.21	2.78	485.7	.49	18.09
COMMENTS: LIMITER CAP NA,IRPM OFF +180,IDLE CO OFF 1.50 PCT LEAN.											
9149	79	VOLV	244D	130	1	COLD TRANS	.85	11.70	458.9	1.14	18.49
IHC, PPM HEXANE			80			COLD STAB	.08	1.59	431.7	.72	20.43
ICO(ACTUAL), PCT			2.10			HOT TRANS	.17	2.48	406.2	.76	21.61
						1975 FTP	.26	3.91	430.3	.82	20.29
COMMENTS: LIMITER CAP NA,IRPM OFF -150,CO MIXTURE ADJUSTER ROD AND PLUG MIS. EXHAUST FLANGE GASKET LEAK											
9150	79	MAZD	626	120	1	COLD TRANS	1.15	18.58	339.8	2.14	23.82
IHC, PPM HEXANE			750			COLD STAB	.17	2.74	370.4	.46	23.65
ICO(ACTUAL), PCT			6.20			HOT TRANS	.28	2.23	318.1	.75	27.52
						1975 FTP	.40	5.86	349.9	.88	24.63
COMMENTS: LIMITER CAP OK,IRPM OFF +100.											

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LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9151	79	TOYO	SUPR	156	1	COLD TRANS	1.56	16.41	485.8	1.21	17.18
IHC, PPM HEXANE		150				COLD STAB	.01	1.13	448.4	.20	19.71
ICO(ACTUAL), PCT		.03				HOT TRANS	.21	2.70	420.8	.31	20.85
						1975 FTP	.38	4.70	448.6	.44	19.41
COMMENTS: LIMITER CAP NA,IRPM OFF -250.											
9152	79	TOYO	SUPR	156	1	COLD TRANS	1.03	10.64	505.5	1.11	16.89
IHC, PPM HEXANE		10				COLD STAB	.05	2.51	437.3	.09	20.11
ICO(ACTUAL), PCT		.02				HOT TRANS	.12	2.40	436.1	.22	20.16
						1975 FTP	.27	4.15	451.0	.34	19.36
COMMENTS: LIMITER CAP NA,IRPM OFF -175.											
9153	79	TOYO	SUPR	156	1	COLD TRANS	1.01	11.95	498.6	1.24	17.05
IHC, PPM HEXANE		20				COLD STAB	.02	1.48	466.0	.12	18.95
ICO(ACTUAL), PCT		.01				HOT TRANS	.08	1.50	444.1	.29	19.87
						1975 FTP	.24	3.64	466.7	.40	18.76
COMMENTS: LIMITER CAP NA,IRPM OFF +110.											
9154	79	TOYO	SUPR	156	1	COLD TRANS	.84	13.01	469.6	.75	18.01
IHC, PPM HEXANE		10				COLD STAB	.02	1.20	527.3	.20	16.77
ICO(ACTUAL), PCT		.01				HOT TRANS	.08	1.64	423.8	.32	20.80
						1975 FTP	.20	3.75	487.2	.35	17.98
COMMENTS: LIMITER CAP NA,IRPM OFF +550.											
9155	79	VOLV	244D	130	1	COLD TRANS	.81	10.14	453.0	1.96	18.83
IHC, PPM HEXANE		40				COLD STAB	.09	1.05	431.8	1.01	20.46
ICO(ACTUAL), PCT		1.00				HOT TRANS	.17	1.95	403.3	1.24	21.81
						1975 FTP	.26	3.17	428.4	1.27	20.44
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MIS.											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9156	79	TOYO	SUPR	156	1	COLD TRANS	.77	10.89	476.4	1.16	17.89
IHC, PPM HEXANE			5			COLD STAB	.03	1.92	466.2	.09	18.91
ICO(ACTUAL), PCT			.01			HOT TRANS	.06	1.48	419.2	.33	21.04
						1975 FTP	.19	3.64	455.5	.37	19.22
COMMENTS: LIMITER CAP NA.											
9157	79	MAZD	626	120	1	COLD TRANS	1.19	18.33	338.1	2.56	23.94
IHC, PPM HEXANE			160			COLD STAB	.23	2.94	374.3	.60	23.38
ICO(ACTUAL), PCT			1.00			HOT TRANS	.38	3.26	308.3	1.12	28.39
						1975 FTP	.47	6.20	348.3	1.15	24.69
COMMENTS: LIMITER CAP OK,ONE REED VLV DEF.											
9158	79	MAZD	626	120	1	COLD TRANS	1.07	15.38	374.3	2.64	22.09
IHC, PPM HEXANE			160			COLD STAB	.10	.79	383.9	.51	23.03
ICO(ACTUAL), PCT			.75			HOT TRANS	.18	1.64	345.5	1.39	25.46
						1975 FTP	.32	4.03	371.4	1.19	23.43
COMMENTS: LIMITER CAP NA,IDLE CO .25 PCT LEAN.											
9159	79	MAZD	GLC	86	1	COLD TRANS	1.31	21.95	300.9	2.16	26.14
IHC, PPM HEXANE			240			COLD STAB	.40	1.99	325.5	.69	26.90
ICO(ACTUAL), PCT			3.25			HOT TRANS	.37	2.01	272.2	1.51	32.09
						1975 FTP	.58	6.11	305.9	1.22	27.97
COMMENTS: LIMITER CAP OK,IRPM OFF +120,VAC BREAK OFF -.045											
9160	79	MAZD	626	120	1	COLD TRANS	1.16	14.96	353.7	3.03	23.30
IHC, PPM HEXANE			45			COLD STAB	.21	1.97	381.1	.64	23.06
ICO(ACTUAL), PCT			2.00			HOT TRANS	.33	2.20	325.1	1.33	26.93
						1975 FTP	.44	4.71	360.2	1.32	24.05
COMMENTS: LIMITER CAP OK.											

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LOS ANGELES

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FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9161	79	MAZD	GLC	86	1	COLD TRANS	1.69	28.44	289.1	2.24	26.17
IHC, PPM HEXANE		520				COLD STAB	.35	4.22	335.3	.70	25.88
ICO(ACTUAL), PCT		4.90				HOT TRANS	.48	2.70	271.6	1.85	32.00
						1975 FTP	.66	8.79	308.4	1.33	27.37
COMMENTS: LIMITER CAP MIS,VAC BREAK OFF -.040											
9162	79	MAZD	STAW	86	1	COLD TRANS	1.76	26.32	301.6	2.27	25.46
IHC, PPM HEXANE		140				COLD STAB	.69	2.92	348.1	.68	25.01
ICO(ACTUAL), PCT		5.20				HOT TRANS	.60	2.06	290.3	1.60	30.04
						1975 FTP	.88	7.50	322.8	1.26	26.31
COMMENTS: LIMITER CAP OK,VAC BREAK OFF -.035,IRPM OFF +155											
9163	79	MAZD	GLC	86	1	COLD TRANS	2.20	39.00	277.7	2.59	25.66
IHC, PPM HEXANE		410				COLD STAB	1.10	8.21	305.6	1.00	27.56
ICO(ACTUAL), PCT		3.80				HOT TRANS	1.02	7.02	256.4	1.98	32.80
						1975 FTP	1.31	14.22	286.4	1.60	28.36
COMMENTS: LIMITER CAP OK,IRPM OFF +100,DIST VAC SPARK DELAY VLV MIS.											
9164	79	MAZD	STAW	86	1	COLD TRANS	1.87	23.98	305.0	2.28	25.46
IHC, PPM HEXANE		110				COLD STAB	1.12	9.05	338.1	.63	24.94
ICO(ACTUAL), PCT		1.90				HOT TRANS	.96	5.40	283.7	1.50	30.06
						1975 FTP	1.23	11.13	316.4	1.21	26.27
COMMENTS: LIMITER CAP OK,IRPM OFF +200,TIMG OFF +4,AIR FLTR DIRTY											
9165	79	MAZD	GLC	86	1	COLD TRANS	1.73	26.13	288.3	2.10	26.50
IHC, PPM HEXANE		290				COLD STAB	.47	3.09	325.4	.55	26.75
ICO(ACTUAL), PCT		3.15				HOT TRANS	.48	2.70	268.1	1.53	32.40
						1975 FTP	.73	7.73	302.2	1.13	28.03
COMMENTS: LIMITER CAP OK,IRPM OFF +100,VAC BREAK OFF -.043											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9166	79	MAZD	GLC	86	1	COLD TRANS	1.61	30.89	283.1	1.96	26.36
IHC, PPM HEXANE		200				COLD STAB	.96	5.63	301.8	.55	28.29
ICO(ACTUAL), PCT		3.10				HOT TRANS	.79	5.13	270.6	1.30	31.57
						1975 FTF	1.05	10.69	289.5	1.04	28.67
COMMENTS: LIMITER CAP OK,IRPM OFF +200,VAC BREAK OFF -.044,TIMG OFF +3											
8167	78	SAAB	99GL	121	1	COLD TRANS	1.10	11.95	396.7	1.95	21.18
IHC, PPM HEXANE		30				COLD STAB	.06	1.38	420.1	.88	21.01
ICO(ACTUAL), PCT		.60				HOT TRANS	.14	1.75	364.7	1.59	24.12
						1975 FTP	.30	3.66	400.2	1.29	21.81
COMMENTS: LIMITER CAP NA											
9168	79	FORD	STAW	351	1	COLD TRANS	.67	8.47	692.2	3.26	12.54
IHC, PPM HEXANE		10				COLD STAB	.29	.23	611.5	1.14	14.48
ICO(ACTUAL), PCT		.01				HOT TRANS	.21	.89	610.1	1.54	14.50
						1975 FTP	.35	2.11	627.7	1.68	14.04
COMMENTS: MIXTURE ADJ PLUG OK,AIR PUMP DRIVE BELT LOOSE,EEC SYSTEM TEST OK.											
9169	79	MAZD	GLC	86	1	COLD TRANS	1.47	21.48	295.7	2.08	26.56
IHC, PPM HEXANE		190				COLD STAB	.42	1.99	330.8	.54	26.47
ICO(ACTUAL), PCT		1.60				HOT TRANS	.34	2.26	274.0	1.29	31.85
						1975 FTP	.62	6.08	308.1	1.06	27.77
COMMENTS: LIMITER CAP OK,IRPM OFF +100,VAC BREAK OFF -.040											
9170	79	MAZD	GLC	86	1	COLD TRANS	1.64	28.13	320.9	2.10	23.97
IHC, PPM HEXANE		210				COLD STAB	.16	3.02	361.3	.76	24.22
ICO(ACTUAL), PCT		2.70				HOT TRANS	.26	4.35	300.1	1.59	28.84
						1975 FTP	.49	8.55	336.3	1.26	25.27
COMMENTS: LIMITER CAP OK,IRPM OFF +225.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9171	79	MAZD	STAW	86	1	COLD TRANS	.84	19.11	373.4	2.35	21.86
IHC, PPM HEXANE		125				COLD STAB	.13	1.97	343.8	.96	25.56
ICO(ACTUAL), PCT		1.50				HOT TRANS	.16	.81	399.5	2.71	22.12
						1975 FTP	.28	5.18	365.1	1.73	23.73
COMMENTS: LIMITER CAP OK,IRPM OFF +130.											
9172	79	MAZD	GLC	86	1	COLD TRANS	1.96	20.36	329.0	2.72	24.17
IHC, PPM HEXANE		520				COLD STAB	1.08	6.04	351.9	.71	24.33
ICO(ACTUAL), PCT		4.40				HOT TRANS	.96	4.76	283.0	1.98	30.24
						1975 FTP	1.23	8.64	328.4	1.47	25.66
COMMENTS: LIMITER CAP OK,VAC BREAK OFF -.037,IRPM OFF +200, 3 WAY SOL WIRE DISCNCTD.											
9173	79	FORD	LTD	351	1	COLD TRANS	.48	5.01	694.3	2.05	12.61
IHC, PPM HEXANE		5				COLD STAB	.25	.33	682.3	.58	12.98
ICO(ACTUAL), PCT		.01				HOT TRANS	.18	1.03	609.0	.84	14.52
						1975 FTP	.28	1.49	664.8	.95	13.29
COMMENTS: MIXTURE ADJ PLUG OK.											
9174	79	MAZD	STAW	86	1	COLD TRANS	1.45	23.76	319.1	2.62	24.58
IHC, PPM HEXANE		410				COLD STAB	.46	5.04	373.3	1.00	23.19
ICO(ACTUAL), PCT		4.40				HOT TRANS	.46	4.71	305.7	2.18	28.21
						1975 FTP	.66	8.80	343.7	1.65	24.68
COMMENTS: LIMITER CAP OK,IRPM OFF +210,VAC BREAK OFF -.043											
0175	80	CHEV	CITA	151	1	COLD TRANS	1.24	23.31	409.5	1.39	19.72
IHC, PPM HEXANE		4				COLD STAB	.03	.66	449.4	.51	19.70
ICO(ACTUAL), PCT		.01				HOT TRANS	.09	5.10	385.3	.64	22.55
						1975 FTP	.29	6.54	423.7	.72	20.41
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +175											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9176	79	MAZD	STAW	86	1	COLD TRANS	1.61	23.93	316.0	2.41	24.74
IHC, PPM HEXANE			310			COLD STAB	.62	4.22	348.5	.87	24.86
ICO(ACTUAL), PCT			2.70			HOT TRANS	.62	4.35	285.7	1.88	30.14
						1975 FTP	.82	8.31	324.7	1.46	26.08
COMMENTS: LIMITER CAP OK,IRPM OFF +75,VAC BREAK OFF -.044											
DEF SPARK DELAY VLV NO ADV,GAS FILLER NECK RESTRICTOR FLAP MIS.											
9177	79	AUDI	5000	131	1	COLD TRANS	1.04	13.87	517.9	1.83	16.35
IHC, PPM HEXANE			240			COLD STAB	.31	9.16	476.1	1.23	18.06
ICO(ACTUAL), PCT			5.00			HOT TRANS	.33	7.19	458.0	1.35	18.87
						1975 FTP	.47	9.59	479.7	1.38	17.88
COMMENTS: LIMITER CAP NA,TIMG OFF -6,AIR COND VAC ADV HOSE NOT CNCTD AT DIST.											
9178	79	FORD	STAW	351	1	COLD TRANS	4.47	47.99	675.1	2.97	11.61
IHC, PPM HEXANE			5			COLD STAB	.79	8.18	659.2	.68	13.16
ICO(ACTUAL), PCT			.01			HOT TRANS	1.32	22.23	612.8	1.07	13.62
						1975 FTP	1.69	20.21	649.8	1.26	12.92
COMMENTS: MIXTURE ADJ PLUG OK,EEC SYSTEM CHECK NO EGR SIGNAL FROM EEC UNIT.											
THROTTLE POSITION VOLTAGE LOWER THAN SPEC -0.24 AT IDLE											
TIMG OFF +3.											
0179	80	CHEV	CITA	171	1	COLD TRANS	1.16	11.53	463.1	1.39	18.30
IHC, PPM HEXANE			10			COLD STAB	.04	1.41	500.8	.46	17.64
ICO(ACTUAL), PCT			.01			HOT TRANS	.08	2.59	388.2	.91	22.61
						1975 FTP	.28	3.81	462.4	.77	18.92
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +120.											
0180	80	CHEV	CITA	171	1	COLD TRANS	1.24	13.73	500.3	1.33	16.88
IHC, PPM HEXANE			5			COLD STAB	.05	2.05	520.9	.55	16.93
ICO(ACTUAL), PCT			.01			HOT TRANS	.08	3.04	442.4	.96	19.84
						1975 FTP	.30	4.72	495.3	.82	17.62
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +110,TIMG OFF +3.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9181	79	MAZD	GLC	86	1	COLD TRANS	1.47	25.32	374.7	2.54	21.18
IHC, PPM HEXANE		290				COLD STAB	.30	4.40	326.6	.71	26.54
ICO(ACTUAL), PCT		4.00				HOT TRANS	.33	4.85	321.5	1.82	26.88
						1975 FTP	.55	8.83	335.1	1.39	25.36
COMMENTS: LIMITER CAP OK,IRPM OFF +100.											
0182	80	CHEV	CITA	151	1	COLD TRANS	.83	20.61	388.9	1.72	20.94
IHC, PPM HEXANE		20				COLD STAB	.03	.31	417.0	1.22	21.25
ICO(ACTUAL), PCT		.01				HOT TRANS	.09	2.92	355.7	1.03	24.61
						1975 FTP	.21	5.20	394.5	1.27	22.80
COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF -6,CHOKE ANGLE OFF 6 DEGREES LEAN											
9183	79	TOYO	SUPR	156	1	COLD TRANS	.69	7.13	506.8	.85	17.06
IHC, PPM HEXANE		10				COLD STAB	0.00	.43	478.5	.10	18.52
ICO(ACTUAL), PCT		.01				HOT TRANS	.03	.42	434.3	.28	20.40
						1975 FTP	.15	1.81	472.3	.30	18.66
COMMENTS: LIMITER CAP NA,IRPM OFF +120											
9184	79	MAZD	GLC	86	1	COLD TRANS	1.36	25.26	330.1	3.09	23.72
IHC, PPM HEXANE		320				COLD STAB	.43	5.73	371.5	1.12	23.24
ICO(ACTUAL), PCT		3.50				HOT TRANS	.36	3.23	306.1	2.23	28.41
						1975 FTP	.60	9.07	345.2	1.83	24.56
COMMENTS: LIMITER CAP OK,IRPM +350,VAC BREAK OFF -.043											
0185	80	OLDS	OMEG	171	1	COLD TRANS	2.05	45.35	470.6	.99	16.18
IHC, PPM HEXANE		25				COLD STAB	.03	1.51	531.5	.64	16.62
ICO(ACTUAL), PCT		.01				HOT TRANS	.44	11.09	434.6	.82	19.57
						1975 FTP	.56	13.15	492.5	.76	17.24
COMMENTS: MIXTURE ADJ PLUG OK,AIR CLEANER SNSR DISCNCTD AND PLUGGED. ELEC CONTROL UNIT MALFUNCTION.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0186	80	CHEV	CITA	171	1	COLD TRANS	.63	15.32	506.7	1.00	16.66
IHC, PPM HEXANE			10			COLD STAB	.03	1.25	530.8	.50	16.66
ICO(ACTUAL), PCT			.01			HOT TRANS	.11	2.87	457.2	.73	19.21
						1975 FTP	.17	4.59	505.8	.66	17.28
COMMENTS: MIXTURE ADJ PLUG OK.											
0187	80	CHEV	CITA	151	1	COLD TRANS	6.74	213.54	277.2	.20	14.00
IHC, PPM HEXANE			150			COLD STAB	4.53	177.60	305.7	.07	14.81
ICO(ACTUAL), PCT			4.10			HOT TRANS	3.81	153.79	264.3	.08	17.13
						1975 FTP	4.79	178.50	288.5	.10	15.19
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +150,AIR FLTR OILY. ELEC CONTROL UNIT MALFUNCTION.											
9188	79	MERC	STAW	351	1	COLD TRANS	.97	30.25	752.9	1.54	11.05
IHC, PPM HEXANE			10			COLD STAB	.20	.38	662.6	.82	13.37
ICO(ACTUAL), PCT			.01			HOT TRANS	.27	4.18	650.7	1.12	13.49
						1975 FTP	.38	7.57	677.9	1.05	12.84
COMMENTS: MIXTURE ADJ PLUG OK,TAC HEATED AIR DUCT NOT CNCTD,TIMG OFF -3.											
0189	80	BUIC	SKYL	171	1	COLD TRANS	.83	18.58	502.6	1.30	16.61
IHC, PPM HEXANE			10			COLD STAB	.06	2.30	518.8	.46	16.98
ICO(ACTUAL), PCT			.01			HOT TRANS	.16	3.68	443.7	.94	19.72
						1975 FTP	.25	6.03	495.0	.76	17.57
COMMENTS: MIXTURE ADJ PLUG OK.											
0190	80	CHEV	CITA	171	1	COLD TRANS	3.09	71.20	424.5	.60	16.25
IHC, PPM HEXANE			20			COLD STAB	4.34	124.02	399.3	.06	14.60
ICO(ACTUAL), PCT			.01			HOT TRANS	1.22	34.04	398.4	.58	19.47
						1975 FTP	3.23	88.59	404.2	.31	16.03
COMMENTS: MIXTURE ADJ PLUG OK, NO MALPERFORMANCE FOUND DURING INSP.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0191	80	BUIC	SKYL	171	1	COLD TRANS	.87	22.03	515.1	.85	16.06
IHC, PPM HEXANE			10			COLD STAB	.04	.59	527.4	.53	16.80
ICO(ACTUAL), PCT			.01			HOT TRANS	.13	2.48	460.5	.84	19.10
						1975 FTP	.24	5.52	506.6	.68	17.20
COMMENTS: MIXTURE ADJ PLUG OK.											
0192	80	CHEV	CITA	171	1	COLD TRANS	.70	18.94	487.7	2.15	17.08
IHC, PPM HEXANE			3			COLD STAB	.08	4.30	512.6	1.42	17.08
ICO(ACTUAL), PCT			.01			HOT TRANS	.33	3.65	440.5	2.41	19.84
						1975 FTP	.28	7.13	487.8	1.84	17.75
COMMENTS: MIXTURE ADJ PLUG OK,EGR HOSE PLUGD AT VLV.											
0193	80	CHEV	CITA	151	1	COLD TRANS	.80	16.18	410.3	1.23	20.25
IHC, PPM HEXANE			3			COLD STAB	.03	1.07	432.8	.32	20.42
ICO(ACTUAL), PCT			.01			HOT TRANS	.09	4.90	376.6	.38	23.08
						1975 FTP	.21	5.23	412.8	.52	21.05
COMMENTS: MIXTURE ADJ PLUG OK,AIR COND SOL MALADJUSTED,IRPM OFF +125.											
0194	80	CHEV	CITA	171	1	COLD TRANS	1.00	19.03	504.8	1.03	16.50
IHC, PPM HEXANE			30			COLD STAB	.04	.66	543.8	.46	16.29
ICO(ACTUAL), PCT			.01			HOT TRANS	.10	2.48	455.0	.83	19.33
						1975 FTP	.26	4.94	511.5	.68	17.06
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +110,CHOKE ANGLE OFF 6 DEGREES LEAN.											
0195	80	BUIC	SKYL	151	1	COLD TRANS	1.42	30.81	412.2	1.49	19.08
IHC, PPM HEXANE			20			COLD STAB	.03	1.46	434.5	.59	20.32
ICO(ACTUAL), PCT			.02			HOT TRANS	.20	7.86	383.4	.78	22.39
						1975 FTP	.36	9.24	415.9	.82	20.56
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +125.											

APPENDIX C

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ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0196	80	CHEV	CITA	151	1	COLD TRANS	1.12	21.45	369.7	1.46	21.81
IHC, PPM HEXANE			3			COLD STAB	.05	1.64	399.2	.51	22.08
ICO(ACTUAL), PCT			.01			HOT TRANS	.17	5.54	343.9	.61	25.13
						1975 FTP	.31	6.78	378.0	.73	22.78
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +120,CHOKE ANGLE OFF 5 DEGREES RICH.											
0197	80	CHEV	CITA	171	1	COLD TRANS	2.16	66.02	431.6	.66	16.37
IHC, PPM HEXANE			10			COLD STAB	3.23	118.08	397.0	.03	14.97
ICO(ACTUAL), PCT			.01			HOT TRANS	.91	27.35	401.3	.59	19.85
						1975 FTP	2.38	82.61	405.3	.32	16.36
COMMENTS: MIXTURE ADJ PLUG OK											
9198	79	AUDI	5000	131	1	COLD TRANS	.96	8.36	535.8	1.46	16.08
IHC, PPM HEXANE			75			COLD STAB	.07	.87	480.8	.82	18.40
ICO(ACTUAL), PCT			1.20			HOT TRANS	.15	1.36	472.1	1.16	18.70
						1975 FTP	.28	2.55	489.8	1.04	17.94
COMMENTS: LIMITER CAP NA.											
0199	80	CHEV	CITA	171	1	COLD TRANS	1.19	24.68	493.1	1.79	16.57
IHC, PPM HEXANE			5			COLD STAB	.45	15.81	502.8	.47	16.78
ICO(ACTUAL), PCT			.01			HOT TRANS	.45	11.17	424.0	1.12	20.03
						1975 FTP	.60	16.37	479.3	.92	17.51
COMMENTS: MIXTURE ADJ PLUG OK,EFE VLV HOSE NOT CNCTD.											
0200	80	PONT	PHOE	171	1	COLD TRANS	.57	12.65	513.8	1.48	16.58
IHC, PPM HEXANE			20			COLD STAB	.07	1.99	520.0	.56	16.96
ICO(ACTUAL), PCT			.01			HOT TRANS	.16	4.18	443.3	1.14	19.70
						1975 FTP	.20	4.78	497.8	.91	17.54
COMMENTS: MIXTURE ADJ PLUG OK											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0201	80	BUIC	SKYL	151	1	COLD TRANS	.96	24.26	415.4	2.28	19.44
IHC, PPM HEXANE			10			COLD STAB	.04	1.89	437.7	.77	20.13
ICO(ACTUAL), PCT			.01			HOT TRANS	.21	4.76	384.6	1.23	22.60
						1975 FTP	.28	7.20	418.6	1.20	20.60
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +150,CHOKE ANGLE OFF 5 DEGREES LEAN.											
0202	80	PONT	PHOE	151	1	COLD TRANS	1.18	26.57	425.3	1.37	18.85
IHC, PPM HEXANE			20			COLD STAB	.03	.56	461.2	.34	19.20
ICO(ACTUAL), PCT			.01			HOT TRANS	.18	8.05	396.7	.48	21.65
						1975 FTP	.31	7.96	436.2	.59	19.74
COMMENTS: MIXTURE ADJ PLUG OK,CHOKE OFF 3 DEGREES LEAN.											
0203	80	OLDS	OMEG	151	1	COLD TRANS	.90	18.94	400.7	1.50	20.48
IHC, PPM HEXANE			10			COLD STAB	.04	.92	425.8	.76	20.77
ICO(ACTUAL), PCT			.01			HOT TRANS	.13	5.24	370.1	.67	23.44
						1975 FTP	.24	5.81	405.4	.89	21.37
COMMENTS: MIXTURE ADJ PLUG OK,CHOKE ANGLE OFF 4 DEGREES LEAN.											
0204	80	OLDS	OMEG	151	1	COLD TRANS	.79	15.99	410.6	1.90	20.25
IHC, PPM HEXANE			10			COLD STAB	.08	3.53	439.8	.50	19.95
ICO(ACTUAL), PCT			.01			HOT TRANS	.22	6.16	378.4	.90	22.83
						1975 FTP	.26	6.81	416.6	.90	20.73
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +230,AIR CLEANER MOUNTING BOLT MIS. CHOKE ANGLE OFF 3 DEGREES LEAN.											
0205	80	CHEV	CITA	171	1	COLD TRANS	.55	11.11	497.9	.82	17.16
IHC, PPM HEXANE			10			COLD STAB	.06	1.07	505.2	.37	17.50
ICO(ACTUAL), PCT			.01			HOT TRANS	.23	5.46	452.0	.60	19.24
						1975 FTP	.21	4.34	489.2	.52	17.87
COMMENTS: MIXTURE ADJ PLUG OK.											

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ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0206	80	CHEV	CITA	171	1	COLD TRANS	1.21	17.52	482.1	1.25	17.29
IHC, PPM HEXANE			10			COLD STAB	.07	2.20	492.4	.49	17.89
ICO(ACTUAL), PCT			.01			HOT TRANS	.14	3.73	424.7	1.01	20.59
						1975 FTP	.32	5.77	471.8	.79	18.42
COMMENTS: MIXTURE ADJ PLUG OK											
0207	80	CHEV	CITA	171	1	COLD TRANS	.64	11.42	473.0	1.57	18.00
IHC, PPM HEXANE			5			COLD STAB	.07	2.51	471.3	.49	18.67
ICO(ACTUAL), PCT			.01			HOT TRANS	.15	3.20	409.8	1.03	21.37
						1975 FTP	.21	4.53	454.9	.86	19.18
COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF +5,HEATED AIR DUCT MIS.											
0208	80	CHEV	CITA	151	1	COLD TRANS	1.30	21.53	373.9	.92	21.55
IHC, PPM HEXANE			10			COLD STAB	.04	1.33	408.4	.17	21.61
ICO(ACTUAL), PCT			.01			HOT TRANS	.21	5.29	357.0	.29	24.25
						1975 FTP	.34	6.57	387.3	.36	22.26
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +120, VAC HOSE TO TAC SNSR NOT CNCTD,ENGINE TEMP SWITCH NOT CNCTD.											
9209	79	TOYO	SUPR	156	1	COLD TRANS	1.44	18.83	569.6	1.22	14.70
IHC, PPM HEXANE			5			COLD STAB	.01	.49	518.4	.34	17.09
ICO(ACTUAL), PCT			.01			HOT TRANS	.08	1.20	451.3	.51	19.57
						1975 FTP	.32	4.46	510.6	.57	17.11
COMMENTS: LIMITER CAP NA.											
0210	80	BUIC	SKYL	151	1	COLD TRANS	1.07	24.79	401.1	1.12	20.01
IHC, PPM HEXANE			10			COLD STAB	.03	.82	423.2	.40	20.90
ICO(ACTUAL), PCT			.02			HOT TRANS	.11	4.71	376.2	.58	23.12
						1975 FTP	.26	6.81	405.8	.60	21.26
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +110,CHOKE ANGLE OFF 5 DEGREES RICH.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9211	79	TOYO	SUPR	156	1	COLD TRANS	1.39	15.74	461.4	1.28	18.09
IHC, PPM HEXANE			70			COLD STAB	.31	3.50	440.7	.11	19.85
ICO(ACTUAL), PCT			.02			HOT TRANS	.42	2.17	411.9	.28	21.30
						1975 FTP	.56	5.66	437.1	.40	19.82
COMMENTS: LIMITER CAP NA.											
9212	79	MAZD	626	120	1	COLD TRANS	1.22	14.37	355.6	2.63	23.23
IHC, PPM HEXANE			310			COLD STAB	.25	2.28	386.3	.50	22.72
ICO(ACTUAL), PCT			1.68			HOT TRANS	.28	2.31	320.2	1.09	27.34
						1975 FTP	.45	4.78	361.9	1.10	23.93
COMMENTS: LIMITER CAP OK,IRPM OFF +200,GAS CAP MIS.											
0213	80	OLDS	OMEG	151	1	COLD TRANS	.85	24.01	414.3	1.28	19.52
IHC, PPM HEXANE			5			COLD STAB	.01	.77	446.1	.46	19.84
ICO(ACTUAL), PCT			.01			HOT TRANS	.13	6.96	398.8	.50	21.64
						1975 FTP	.22	7.24	426.7	.64	20.23
COMMENTS: MIXTURE ADJ PLUG OK.											
0214	80	CHEV	CITA	151	1	COLD TRANS	.84	16.32	387.5	1.36	21.34
IHC, PPM HEXANE			5			COLD STAB	.04	1.23	406.5	.48	21.73
ICO(ACTUAL), PCT			.02			HOT TRANS	.13	3.31	351.4	.59	24.86
						1975 FTP	.23	4.90	387.6	.69	22.41
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +150.											
9215	79	FORD	STAW	351	1	COLD TRANS	.50	9.30	869.1	2.57	10.03
IHC, PPM HEXANE			5			COLD STAB	.12	1.89	964.2	3.72	9.17
ICO(ACTUAL), PCT			.01			HOT TRANS	.23	2.73	760.9	1.74	11.59
						1975 FTP	.23	3.65	889.2	2.95	9.91

COMMENTS: MIXTURE ADJ PLUG OK,FAST IDLE STICKS ON HIGH STEP,DASHPOT MIS.
THROTTLE LINKAGE STICKING,EGR VAC HOSE OFF AT SOL,TIMG OFF -3.
GAS FILLER NECK RESTRICTOR NOT CLOSING.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9216	79	FORD	LTD	351	1	COLD TRANS	1.55	15.15	691.5	2.01	12.32
IHC, PPM HEXANE			5			COLD STAB	.18	.64	643.3	.50	13.76
ICO(ACTUAL), PCT			.01			HOT TRANS	.29	1.53	602.8	.75	14.64
						1975 FTP	.45	3.87	642.2	.88	13.66

COMMENTS: MIXTURE ADJ PLUG OK,GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.
TIMG OFF -6.

9217	79	TOYO	SUPR	156	1	COLD TRANS	1.28	14.48	491.0	1.02	17.14
IHC, PPM HEXANE			5			COLD STAB	.17	1.30	518.7	.31	17.03
ICO(ACTUAL), PCT			.01			HOT TRANS	.10	1.42	448.2	.59	19.69
						1975 FTP	.38	4.05	493.8	.53	17.70

COMMENTS: LIMITER CAP NA.

0218	80	CHEV	CITA	171	1	COLD TRANS	.82	20.31	538.4	1.08	15.49
IHC, PPM HEXANE			5			COLD STAB	.06	1.89	527.8	.43	16.72
ICO(ACTUAL), PCT			.01			HOT TRANS	.14	3.06	453.0	.78	19.37
						1975 FTP	.24	6.00	509.6	.66	17.08

COMMENTS: LIMITER CAP OK,TIMG OFF -3

0219	80	CHEV	CITA	151	1	COLD TRANS	.92	15.32	388.6	1.29	21.36
IHC, PPM HEXANE			5			COLD STAB	.05	1.33	414.1	.32	21.32
ICO(ACTUAL), PCT			.01			HOT TRANS	.16	4.26	360.5	.36	24.14
						1975 FTP	.26	5.01	394.2	.53	22.03

COMMENTS: MIXTURE ADJ PLUG OK.

0220	80	PONT	PHOE	171	1	COLD TRANS	1.03	30.67	450.6	2.70	17.68
IHC, PPM HEXANE			250			COLD STAB	1.33	56.39	438.3	1.17	16.71
ICO(ACTUAL), PCT			5.50			HOT TRANS	.38	11.64	411.9	2.26	20.57
						1975 FTP	1.01	38.89	433.6	1.78	17.82

COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +175,HEATED AIR DUCT MIS.
TIMG OFF +10,VAC LINE PLUGGED AT EGR VLV.
EFC MALFUNCTION RICH.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0221	80	PONT	PHOE	151	1	COLD TRANS	.57	12.65	448.6	.71	18.87
IHC, PPM HEXANE			10			COLD STAB	.02	.79	464.2	.19	19.06
ICO(ACTUAL), PCT			.01			HOT TRANS	.08	2.31	412.2	.36	21.33
						1975 FTP	.15	3.65	446.8	.35	19.59
COMMENTS: MIXTURE ADJ PLUG OK.											
9222	79	FORD	STAW	351	1	COLD TRANS	.67	9.03	762.0	2.15	11.40
IHC, PPM HEXANE			5			COLD STAB	.18	.46	700.3	.75	12.65
ICO(ACTUAL), PCT			.01			HOT TRANS	.28	2.01	672.9	1.00	13.11
						1975 FTP	.31	2.64	705.5	1.11	12.49
COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF -3.											
9223	79	AUDI	5000	131	1	COLD TRANS	1.54	17.19	537.0	.72	15.60
IHC, PPM HEXANE			70			COLD STAB	.72	5.58	521.5	.15	16.67
ICO(ACTUAL), PCT			1.00			HOT TRANS	.50	2.51	499.2	.26	17.58
						1975 FTP	.83	7.09	518.6	.30	16.67
COMMENTS: LIMITER CAP NA,IRPM OFF +125.											
9224	79	TOYO	SUPR	156	1	COLD TRANS	1.48	14.54	476.9	.78	17.60
IHC, PPM HEXANE			200			COLD STAB	.19	2.94	502.5	.06	17.48
ICO(ACTUAL), PCT			.02			HOT TRANS	.27	2.67	433.1	.16	20.26
						1975 FTP	.48	5.26	478.3	.24	18.19
COMMENTS: LIMITER CAP NA.											
9225	79	FORD	LTD	351	1	COLD TRANS	.83	10.58	689.6	3.27	12.52
IHC, PPM HEXANE			3			COLD STAB	.17	.38	664.3	1.52	13.34
ICO(ACTUAL), PCT			.01			HOT TRANS	.18	1.03	608.4	2.53	14.54
						1975 FTP	.31	2.66	654.3	2.15	13.46

COMMENTS: MIXTURE ADJ PLUG OK,EGR VLV DIAPHRAGM LEAKS.
EEC SYSTEM TEST SHOWS LOW VOLTAGE FOR EGR VLV POSITION SNSR.
GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9226	79	FORD	LTD	351	1	COLD TRANS	.61	6.74	663.0	3.40	13.14
IHC, PPM HEXANE			350			COLD STAB	.07	.05	666.6	1.81	13.31
ICO(ACTUAL), PCT			3.50			HOT TRANS	.10	.25	597.3	2.07	14.84
						1975 FTP	.19	1.48	646.9	2.21	13.66
COMMENTS: MIXTURE ADJ PLUG OK,GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING. EEC SYSTEM TEST SHOWS OPEN CIRCUIT FOR FEEDBACK CARB ACTUATOR.											
0227	80	PONT	PHOE	151	1	COLD TRANS	1.00	19.89	425.7	1.58	19.29
IHC, PPM HEXANE			5			COLD STAB	.01	.28	459.6	.58	19.29
ICO(ACTUAL), PCT			.01			HOT TRANS	.18	3.70	396.5	.67	22.03
						1975 FTP	.26	5.25	435.4	.81	19.97
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +150.											
9228	79	MERC	STAW	351	1	COLD TRANS	.78	11.42	788.2	2.25	10.98
IHC, PPM HEXANE			10			COLD STAB	.33	.87	711.6	.97	12.43
ICO(ACTUAL), PCT			.01			HOT TRANS	.37	3.01	672.6	1.07	13.08
						1975 FTP	.44	3.62	716.7	1.26	12.26
COMMENTS: MIXTURE ADJ PLUG OK,GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING. TIMG OFF -3.											
0229	80	CHEV	CITA	151	1	COLD TRANS	1.00	22.56	378.6	1.18	21.27
IHC, PPM HEXANE			5			COLD STAB	.05	1.25	412.4	.32	21.41
ICO(ACTUAL), PCT			.01			HOT TRANS	.20	3.26	352.6	.48	24.77
						1975 FTP	.29	6.19	389.1	.54	22.20
COMMENTS: MIXTURE ADJ PLUG OK.											
9230	79	TOYO	SUPR	156	1	COLD TRANS	1.46	16.77	518.4	1.87	16.15
IHC, PPM HEXANE			5			COLD STAB	.03	1.82	469.4	.25	18.79
ICO(ACTUAL), PCT			.01			HOT TRANS	.10	2.53	462.3	.86	19.02
						1975 FTP	.34	5.09	477.6	.75	18.24
COMMENTS: LIMITER CAP NA.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0231	80	CHEV	CITA	151	1	COLD TRANS	.97	16.57	386.8	1.05	21.34
IHC, PPM HEXANE			5			COLD STAB	.00	.13	408.6	.41	21.71
ICO(ACTUAL), PCT			.01			HOT TRANS	.08	1.00	351.8	.48	25.18
						1975 FTP	.22	3.75	388.6	.56	22.46
COMMENTS: MIXTURE ADJ PLUG OK.											
0232	80	PONT	PHOE	151	1	COLD TRANS	.89	15.54	402.7	1.53	20.64
IHC, PPM HEXANE			5			COLD STAB	.23	3.53	443.4	.28	19.74
ICO(ACTUAL), PCT			.01			HOT TRANS	.52	22.20	378.1	.59	21.40
						1975 FTP	.44	11.10	417.2	.62	20.35
COMMENTS: MIXTURE ADJ PLUG OK,CHOKE ANGLE OFF 3 DEGREES RICH.											
0233	80	CHEV	CITA	151	1	COLD TRANS	1.34	27.19	384.6	.94	20.57
IHC, PPM HEXANE			5			COLD STAB	.04	1.69	430.4	.42	20.49
ICO(ACTUAL), PCT			.01			HOT TRANS	.17	4.62	364.0	.55	23.87
						1975 FTP	.34	7.74	402.9	.56	21.33
COMMENTS: MIXTURE ADJ PLUG OK,AIR FILTER OILY,IRPM OFF +125. PCV FILTER OILY,VENT HOSE NOT CNCTD AT VLV COVER.											
9234	79	MERC	MARQ	351	1	COLD TRANS	1.35	5.71	688.6	3.78	12.65
IHC, PPM HEXANE			5			COLD STAB	.10	0.00	607.2	2.44	14.61
ICO(ACTUAL), PCT			.01			HOT TRANS	.15	.25	584.8	3.52	15.15
						1975 FTP	.39	1.24	617.9	3.01	14.29
COMMENTS: MIXTURE ADJ PLUG MIS,GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING. TIMG OFF -3.											
0235	80	CHEV	CITA	171	1	COLD TRANS	.58	15.82	510.6	.96	16.52
IHC, PPM HEXANE			5			COLD STAB	.03	.84	524.2	.50	16.89
ICO(ACTUAL), PCT			.01			HOT TRANS	.17	1.95	440.4	.97	19.99
						1975 FTP	.18	4.23	498.5	.72	17.55
COMMENTS: MIXTURE ADJ PLUG OK.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9236	79	TOYO	SUPR	156	1	COLD TRANS	.90	10.06	499.6	1.50	17.13
IHC, PPM HEXANE		5				COLD STAB	.01	.66	432.7	.29	20.46
ICO(ACTUAL), PCT		.01				HOT TRANS	.10	.81	438.9	.67	20.15
						1975 FTP	.22	2.64	448.2	.64	19.59
COMMENTS: LIMITER CAP NA,EGR STEM MOVEMENT BUT NO RPM DROP.											
0237	80	CHEV	CITA	171	1	COLD TRANS	1.62	40.53	423.2	1.88	18.84
IHC, PPM HEXANE		10				COLD STAB	1.76	51.48	396.4	.40	18.38
ICO(ACTUAL), PCT		.01				HOT TRANS	.53	11.95	382.1	1.45	22.05
						1975 FTP	1.39	38.44	398.0	.99	19.18
COMMENTS: MIXTURE ADJ PLUG OK,TIMING OFF +10, VACUUM LINE TO AIR CLEANER SNSR DISCNCTD.											
0238	80	PONT	PHOE	151	1	COLD TRANS	.94	18.55	421.2	1.45	19.58
IHC, PPM HEXANE		10				COLD STAB	.03	.26	446.9	.56	19.84
ICO(ACTUAL), PCT		.01				HOT TRANS	.12	2.81	383.7	.59	22.84
						1975 FTP	.24	4.72	424.4	.75	20.52
COMMENTS: MIXTURE ADJ PLUG OK,FRESH AIR DUCT NOT CNCTD,IRPM OFF +175.											
0239	80	CHEV	CITA	171	1	COLD TRANS	1.54	37.60	470.1	1.54	16.62
IHC, PPM HEXANE		5				COLD STAB	.26	10.38	500.1	.99	17.16
ICO(ACTUAL), PCT		.01				HOT TRANS	.19	4.26	428.1	1.99	20.39
						1975 FTP	.50	14.32	474.2	1.38	17.81
COMMENTS: MIXTURE ADJ PLUG OK,HEATED AIR DUCT MIS,NO VOLTAGE AT O2 SNSR. GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.											
9240	79	FORD	STAV	351	1	COLD TRANS	.57	8.08	736.0	6.82	11.83
IHC, PPM HEXANE		15				COLD STAB	.12	0.00	692.0	4.42	12.82
ICO(ACTUAL), PCT		.01				HOT TRANS	.15	.36	644.9	5.37	13.74
						1975 FTP	.22	1.76	688.2	5.18	12.83
COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF -3. EEC SYSTEM TEST SHOWS NO EGR SOL SIGNAL FROM EEC UNIT.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9241	79	VOLV	242G	130	1	COLD TRANS	.98	10.70	486.0	1.50	17.55
IHC, PPM HEXANE			80			COLD STAB	.07	.74	520.1	1.15	17.07
ICO(ACTUAL), PCT			1.10			HOT TRANS	.16	2.34	434.9	1.14	20.21
						1975 FTP	.26	3.23	489.9	1.22	17.90
COMMENTS: LIMITER CAP NA.											
0242	80	PONT	PHOE	151	1	COLD TRANS	1.04	19.42	431.9	1.60	19.06
IHC, PPM HEXANE			5			COLD STAB	.01	.10	430.0	.95	20.63
ICO(ACTUAL), PCT			.01			HOT TRANS	.13	2.31	394.7	1.20	22.26
						1975 FTP	.25	4.68	420.8	1.15	20.69
COMMENTS: MIXTURE ADJ PLUG OK.											
0243	80	CHEV	CITA	151	1	COLD TRANS	.98	27.99	395.0	.94	20.08
IHC, PPM HEXANE			5			COLD STAB	.06	2.33	415.1	.43	21.18
ICO(ACTUAL), PCT			.01			HOT TRANS	.23	3.45	352.5	.60	24.74
						1975 FTP	.29	7.92	393.9	.58	21.79
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +175,LOW IRPM OFF +200.											
0244	80	BUIC	SKYL	151	1	COLD TRANS	.97	22.45	417.2	.87	19.48
IHC, PPM HEXANE			10			COLD STAB	.04	.79	440.3	.12	20.10
ICO(ACTUAL), PCT			.01			HOT TRANS	.32	6.49	386.7	.35	22.30
						1975 FTP	.31	6.81	420.9	.34	20.52
COMMENTS: MIXTURE ADJ PLUG OK,CHOKE ANGLE OFF 3 DEGREES RICH.											
9245	79	VOLV	244D	130	1	COLD TRANS	.81	12.98	489.7	1.32	17.31
IHC, PPM HEXANE			40			COLD STAB	.10	2.30	516.3	.43	17.06
ICO(ACTUAL), PCT			.50			HOT TRANS	.21	2.73	443.7	.95	19.78
						1975 FTP	.28	4.62	491.0	.75	17.78
COMMENTS: LIMITER CAP NA,IDLE CO LEANER THAN SPEC, CO MIXTURE ADJUSTER ROD AND PLUG MIS.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0246	80	PONT	PHOE	151	1	COLD TRANS	.96	18.80	405.8	1.70	20.25
IHC, PPM HEXANE		5				COLD STAB	.04	1.20	422.6	.85	20.90
ICO(ACTUAL), PCT		.01				HOT TRANS	.24	6.57	367.3	.81	23.45
						1975 FTP	.28	6.29	404.0	1.02	21.40
COMMENTS: MIXTURE ADJ PLUG OK.											
9247	79	FORD	STAW	351	1	COLD TRANS	1.18	25.88	770.3	2.25	10.89
IHC, PPM HEXANE		5				COLD STAB	.24	.36	656.7	1.07	13.49
ICO(ACTUAL), PCT		.01				HOT TRANS	.36	2.09	640.8	1.15	13.75
						1975 FTP	.47	6.08	675.8	1.34	12.92
COMMENTS: MIXTURE ADJ PLUG OK,WRONG FILLER CAP,HAD NON VAC CONTROLLED TYPE. NO SIGNAL FROM ELEC CONTROL UNIT TO EGR SOL ON EEC TEST,TIMG OFF -3											
0248	80	CHEV	CITA	151	1	COLD TRANS	3.60	124.12	382.9	.34	17.42
IHC, PPM HEXANE		60				COLD STAB	1.88	79.31	337.2	.08	18.97
ICO(ACTUAL), PCT		.50				HOT TRANS	1.58	75.07	285.6	.06	21.72
						1975 FTP	2.15	87.38	316.1	.13	19.29
COMMENTS: MIXTURE ADJ PLUG MIS,IRPM OFF +130,EFC MALFUNCTION RICH, CARB ADJUSTER PLUG BASE BROKEN OFF.											
9249	79	MAZD	626	120	1	COLD TRANS	1.54	24.79	369.4	3.07	21.48
IHC, PPM HEXANE		190				COLD STAB	.27	1.99	343.0	.58	25.58
ICO(ACTUAL), PCT		2.30				HOT TRANS	.38	3.82	343.2	1.33	25.33
						1975 FTP	.56	7.18	348.5	1.30	24.55
COMMENTS: LIMITER CAP OK.											
9250	79	VOLV	242D	130	1	COLD TRANS	.92	12.12	476.2	1.52	17.82
IHC, PPM HEXANE		90				COLD STAB	.13	3.79	512.4	.33	17.11
ICO(ACTUAL), PCT		.70				HOT TRANS	.19	2.31	436.5	.89	20.14
						1975 FTP	.31	5.10	484.2	.72	18.00
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MIS. IDLE CO LEANER THAN SPEC.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9251	79	FORD	LTD	351	1	COLD TRANS	1.43	24.29	695.0	2.26	12.03
IHC, PPM HEXANE			10			COLD STAB	.37	.36	628.8	1.24	14.07
ICO(ACTUAL), PCT			.01			HOT TRANS	.36	.86	560.3	1.47	15.77
						1975 FTP	.59	5.42	623.8	1.51	14.00

COMMENTS: MIXTURE ADJ PLUG OK,FAST IDLE STICKS ON HIGH CAM.
GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.

0252	80	BUIC	SKYL	151	1	COLD TRANS	.81	19.16	413.0	.96	19.91
IHC, PPM HEXANE			5			COLD STAB	.02	.79	459.4	.07	19.26
ICO(ACTUAL), PCT			.01			HOT TRANS	.09	3.06	404.6	.30	21.67
						1975 FTP	.20	5.19	434.9	.32	20.00

COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF -3.

9253	79	MERC	MARQ	351	1	COLD TRANS	.77	13.09	718.9	2.08	11.96
IHC, PPM HEXANE			10			COLD STAB	.20	.28	624.8	1.00	14.18
ICO(ACTUAL), PCT			.02			HOT TRANS	.20	.89	594.0	1.13	14.89
						1975 FTP	.32	3.08	635.8	1.25	13.83

COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF -3.

9254	79	MAZD	626	120	1	COLD TRANS	1.19	30.50	383.0	2.10	20.41
IHC, PPM HEXANE			50			COLD STAB	.16	.13	338.2	.65	26.18
ICO(ACTUAL), PCT			.10			HOT TRANS	.34	2.62	343.1	.99	25.49
						1975 FTP	.43	7.06	348.8	1.04	24.57

COMMENTS: LIMITER CAP OK,IDLE CO LEANER THAN SPEC.

9255	79	FORD	LTD	351	1	COLD TRANS	.62	3.70	655.2	2.38	13.39
IHC, PPM HEXANE			5			COLD STAB	.28	.18	651.1	1.11	13.61
ICO(ACTUAL), PCT			.01			HOT TRANS	.25	.84	577.0	1.28	15.33
						1975 FTP	.34	1.08	631.7	1.42	13.99

COMMENTS: MIXTURE ADJ CAP OK,AIR FLTR DIRTY.
EEC TEST SHOWS NO SIGNAL FROM EEC UNIT TO EGR SOL.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9256	79	FORD	LTD	351	1	COLD TRANS	.79	7.02	623.8	2.50	13.93
IHC, PPM HEXANE				15		COLD STAB	.32	.59	603.4	.69	14.66
ICO(ACTUAL), PCT				.02		HOT TRANS	.32	1.67	560.1	1.05	15.75
						1975 FTP	.41	2.21	595.8	1.16	14.78

COMMENTS: MIXTURE ADJ PLUG OK,NO EGR SOL SIGNAL ON EEC TEST.
AIR PUMP BELT LOOSE.

9257	79	FORD	STAW	351	1	COLD TRANS	.94	18.72	761.5	2.58	11.18
IHC, PPM HEXANE				10		COLD STAB	.15	0.00	706.1	1.24	12.56
ICO(ACTUAL), PCT				.01		HOT TRANS	.26	3.90	649.9	1.42	13.51
						1975 FTP	.34	4.92	702.2	1.56	12.48

COMMENTS: MIXTURE ADJ PLUG OK,AIR FLTR DIRTY,TIMG OFF -3.
EEC SYSTEM TEST SHOWS LOW SIDE EGR VOLTAGE HIGHER THAN SPEC.

0258	80	CHEV	CITA	171	1	COLD TRANS	.61	14.74	468.0	1.19	18.00
IHC, PPM HEXANE				5		COLD STAB	.06	1.02	487.5	.59	18.14
ICO(ACTUAL), PCT				.01		HOT TRANS	.13	2.87	425.2	1.13	20.63
						1975 FTP	.19	4.35	466.5	.86	18.73

COMMENTS: MIXTURE ADJ PLUG OK.

9259	79	MAZD	626	120	1	COLD TRANS	1.48	21.87	349.4	2.55	22.85
IHC, PPM HEXANE				320		COLD STAB	.54	5.88	370.4	.60	23.27
ICO(ACTUAL), PCT				1.70		HOT TRANS	.66	5.60	316.2	1.18	27.14
						1975 FTP	.77	9.09	351.3	1.16	24.12

COMMENTS: LIMITER CAP OK.

0260	80	CHEV	CITA	171	1	COLD TRANS	9.77	31.45	527.1	.95	14.61
IHC, PPM HEXANE				500		COLD STAB	4.06	18.16	528.8	.06	15.56
ICO(ACTUAL), PCT				.30		HOT TRANS	2.50	14.29	466.9	.67	17.85
						1975 FTP	4.81	19.84	511.5	.41	15.91

COMMENTS: MIXTURE ADJ PLUG OK,NUMBER 1 CYLINDER SHORTED IN DIST CAP.

APPENDIX C

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ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9261	79	TOYO	SUPR	156	1	COLD TRANS	1.47	14.54	486.7	.88	17.26
IHC, PPM HEXANE			5			COLD STAB	.02	1.10	513.3	.30	17.23
ICO(ACTUAL), PCT			.01			HOT TRANS	.07	1.48	435.6	.43	20.26
						1975 FTP	.33	3.97	486.6	.46	17.97
COMMENTS: LIMITER CAP NA.											
9262	79	TOYO	SUPR	156	1	COLD TRANS	1.03	14.93	465.9	1.31	18.02
IHC, PPM HEXANE			5			COLD STAB	.03	1.84	439.6	.15	20.05
ICO(ACTUAL), PCT			.01			HOT TRANS	.08	1.62	405.5	.33	21.74
						1975 FTP	.25	4.47	435.7	.44	20.01
COMMENTS: LIMITER CAP NA,IRPM OFF -125.											
9263	79	MAZD	GLC	86	1	COLD TRANS	1.24	24.79	293.5	2.06	26.39
IHC, PPM HEXANE			250			COLD STAB	.38	4.07	333.8	.92	26.00
ICO(ACTUAL), PCT			2.50			HOT TRANS	.34	2.09	277.9	1.84	31.45
						1975 FTP	.55	7.79	310.2	1.41	27.38
COMMENTS: LIMITER CAP OK,IRPM OFF +275											
9264	79	TOYO	SUPR	156	1	COLD TRANS	.79	10.11	483.4	1.03	17.69
IHC, PPM HEXANE			5			COLD STAB	.01	1.76	476.8	.05	18.51
ICO(ACTUAL), PCT			.01			HOT TRANS	.07	1.92	439.0	.21	20.07
						1975 FTP	.19	3.53	467.8	.30	18.73
COMMENTS: LIMITER CAP NA.											
9265	79	VOLV	STAW	130	1	COLD TRANS	.77	8.58	520.6	1.74	16.54
IHC, PPM HEXANE			75			COLD STAB	.01	.43	463.5	.31	19.12
ICO(ACTUAL), PCT			.50			HOT TRANS	.12	1.59	456.5	1.44	19.32
						1975 FTP	.19	2.43	473.	.91	18.58
COMMENTS: LIMITER CAP NA,IRPM OFF -125,IDLE CO LEANER THAN SPEC.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS
ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9266	79	MAZD	STAW	86	1	COLD TRANS	1.56	28.50	347.0	1.84	22.37
IHC, PPM HEXANE			275			COLD STAB	.46	2.17	389.5	.91	22.51
ICO(ACTUAL), PCT			2.20			HOT TRANS	.50	4.87	323.2	1.82	26.70
						1975 FTP	.70	8.33	362.6	1.35	23.48
COMMENTS: LIMITER CAP OK,IRPM OFF +150.											
9267	79	MAZD	GLC	86	1	COLD TRANS	1.14	18.61	322.4	3.14	24.98
IHC, PPM HEXANE			475			COLD STAB	.21	3.48	357.6	.95	24.40
ICO(ACTUAL), PCT			3.50			HOT TRANS	.28	2.59	308.4	2.41	28.32
						1975 FTP	.42	6.35	337.0	1.80	25.48
COMMENTS: LIMITER CAP OK,IRPM OFF +225,TIMG OFF +5.											
9268	79	MAZD	GLC	86	1	COLD TRANS	1.48	19.28	336.5	2.52	23.89
IHC, PPM HEXANE			250			COLD STAB	.59	5.47	353.4	.91	24.39
ICO(ACTUAL), PCT			3.00			HOT TRANS	.54	3.57	293.8	1.86	29.48
						1975 FTP	.76	7.79	333.6	1.50	25.48
COMMENTS: LIMITER CAP OK,IRPM OFF +125.											
9269	79	MAZD	GLC	86	1	COLD TRANS	1.89	36.32	318.4	2.09	23.26
IHC, PPM HEXANE			450			COLD STAB	.80	8.87	366.2	.72	23.19
ICO(ACTUAL), PCT			7.00			HOT TRANS	.59	3.62	304.5	1.67	28.44
						1975 FTP	.96	13.09	339.5	1.26	24.44
COMMENTS: LIMITER CAP OK,IRPM OFF +125.											
9270	79	VOLV	244D	130	1	COLD TRANS	.81	11.11	472.1	1.46	18.03
IHC, PPM HEXANE			45			COLD STAB	.07	.41	452.8	.56	19.56
ICO(ACTUAL), PCT			.40			HOT TRANS	.17	1.84	443.8	1.33	19.85
						1975 FTP	.25	3.00	454.3	.95	19.30
COMMENTS: LIMITER CAP NA,CO MIXTURE ADJUSTER ROD AND PLUG MIS. CO LEANER THAN SPEC.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9271	79	FORD	LTD	351	1	COLD TRANS	.77	12.90	636.0	2.31	13.47
IHC, PPM HEXANE			5			COLD STAB	.16	.26	638.4	1.17	13.88
ICO(ACTUAL), PCT			.01			HOT TRANS	.26	2.17	572.7	1.73	15.38
						1975 FTP	.31	3.38	620.0	1.56	14.17

COMMENTS: MIXTURE ADJ PLUG OK,EEC SYSTEM TEST SHOWS EGR FUNCTIONING PROPERLY. DEF TAC SNSR LETS VAC TO INLET DOOR CONSTANTLY.

9272	79	MAZD	GLC	86	1	COLD TRANS	1.74	25.49	296.6	2.18	25.94
IHC, PPM HEXANE			450			COLD STAB	.48	4.65	343.2	.75	25.21
ICO(ACTUAL), PCT			5.40			HOT TRANS	.54	3.18	288.9	1.71	30.02
						1975 FTP	.76	8.54	318.8	1.31	26.53

COMMENTS: LIMITER CAP OK,IRPM OFF +100.

0273	80	BUIC	SKYL	151	1	COLD TRANS	1.22	27.05	415.5	2.00	19.22
IHC, PPM HEXANE			10			COLD STAB	.13	3.66	424.5	.63	20.61
ICO(ACTUAL), PCT			.01			HOT TRANS	.45	12.67	378.2	1.02	22.21
						1975 FTP	.44	10.93	410.0	1.02	20.71

COMMENTS: MIXTURE ADJ PLUG OK.

0274	80	PONT	PHOE	151	1	COLD TRANS	.87	15.04	405.9	1.74	20.53
IHC, PPM HEXANE			15			COLD STAB	.03	.82	412.5	.67	21.44
ICO(ACTUAL), PCT			.01			HOT TRANS	.16	7.05	373.9	.72	23.02
						1975 FTP	.24	5.45	400.6	.90	21.65

COMMENTS: MIXTURE ADJ PLUG OK,AIR CLEANER MOUNTING BOLT MIS.

9275	79	SAAB	900T	121	1	COLD TRANS	.81	9.67	520.6	1.79	16.49
IHC, PPM HEXANE			100			COLD STAB	.05	.64	508.4	.90	17.42
ICO(ACTUAL), PCT			.01			HOT TRANS	.18	1.95	461.7	1.65	19.07
						1975 FTP	.24	2.85	498.2	1.28	17.63

COMMENTS: LIMITER CAP NA,IDLE CO LEANER THAN SPEC,IRPM OFF +125.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9276	79	MAZD	STAW	86	1	COLD TRANS	1.38	26.63	365.1	2.54	21.58
IHC, PPM HEXANE		120				COLD STAB	.44	4.68	402.9	1.08	21.56
ICO(ACTUAL), PCT		1.50				HOT TRANS	.53	4.99	336.5	2.16	25.65
						1975 FTP	.66	9.28	377.0	1.68	22.55
COMMENTS: LIMITER CAP OK,IRPM OFF +190.											
9277	79	MAZD	GLC	86	1	COLD TRANS	1.37	23.37	291.9	2.39	26.66
IHC, PPM HEXANE		250				COLD STAB	.72	3.99	331.3	.85	26.12
ICO(ACTUAL), PCT		3.40				HOT TRANS	.51	2.92	271.8	1.83	31.93
						1975 FTP	.80	7.69	306.9	1.43	27.60
COMMENTS: LIMITER CAP OK,IRPM OFF +210, NO MANUFACTURERS PART NUMBER STAMPED ON CARBURETOR.											
0278	80	CHEV	CITA	151	1	COLD TRANS	.84	14.74	391.3	1.33	21.28
IHC, PPM HEXANE		10				COLD STAB	.02	.46	431.6	.40	20.53
ICO(ACTUAL), PCT		.01				HOT TRANS	.08	1.56	364.4	.47	24.18
						1975 FTP	.20	3.70	405.0	.61	21.57
COMMENTS: MIXTURE ADJ PLUG OK.											
9279	79	FORD	STAW	351	1	COLD TRANS	1.08	16.21	669.8	2.03	12.70
IHC, PPM HEXANE		10				COLD STAB	.13	8.16	654.6	.99	13.29
ICO(ACTUAL), PCT		.01				HOT TRANS	.96	26.02	602.3	.93	13.73
						1975 FTP	.55	14.69	643.5	1.19	13.28
COMMENTS: ONE MIXTURE ADJ PLUG MIS AND ONE OK,TIMG OFF -3.											
0280	80	CHEV	CITA	151	1	COLD TRANS	.80	15.18	382.3	.95	21.72
IHC, PPM HEXANE		5				COLD STAB	.01	.03	417.3	.53	21.26
ICO(ACTUAL), PCT		.01				HOT TRANS	.06	1.92	360.3	.41	24.42
						1975 FTP	.18	3.66	394.6	.58	22.14
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +130.											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9281	79	MAZD	STAW	86	1	COLD TRANS	1.39	16.16	306.7	2.46	26.38
IHC, PPM HEXANE		200				COLD STAB	.51	3.04	365.0	.72	23.89
ICO(ACTUAL), PCT		2.20				HOT TRANS	.47	2.48	291.7	1.86	29.87
						1975 FTP	.68	5.59	333.8	1.39	25.80

COMMENTS: LIMITER CAP OK,IRPM OFF +310,TIMG OFF -3,
CHOKE VAC BREAK OFF .042 LEAN.
GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.

9282	79	VOLK	STAW	120	1	COLD TRANS	13.11	114.62	495.2	1.83	12.38
IHC, PPM HEXANE		50				COLD STAB	.06	1.23	524.9	1.17	16.84
ICO(ACTUAL), PCT		2.20				HOT TRANS	.25	9.89	468.5	1.90	18.30
						1975 FTP	2.80	26.93	503.4	1.50	16.00

COMMENTS: LIMITER CAP NA,GAS FILLER NECK RESTRICTOR TORN.

0283	80	CHEV	CITA	151	1	COLD TRANS	1.00	15.82	397.7	1.52	20.85
IHC, PPM HEXANE		5				COLD STAB	.05	1.36	419.1	.48	21.06
ICO(ACTUAL), PCT		.01				HOT TRANS	.12	2.81	366.7	.68	23.89
						1975 FTP	.26	4.73	400.4	.75	21.72

COMMENTS: MIXTURE ADJ PLUG OK,
GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.

0284	80	CHEV	CITA	151	1	COLD TRANS	.57	14.62	421.8	.64	19.87
IHC, PPM HEXANE		5				COLD STAB	.05	2.33	459.2	.30	19.17
ICO(ACTUAL), PCT		.01				HOT TRANS	.18	8.91	385.0	.37	22.21
						1975 FTP	.19	6.66	431.3	.39	20.06

COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +170,
UNUSUAL NOISE IN ENGINE.

0285	80	CHEV	CITA	151	1	COLD TRANS	.78	14.43	390.9	1.48	21.33
IHC, PPM HEXANE		5				COLD STAB	.04	.31	415.9	.57	21.31
ICO(ACTUAL), PCT		.01				HOT TRANS	.11	2.59	361.9	.73	24.22
						1975 FTP	.21	3.84	396.0	.80	22.04

COMMENTS: MIXTURE ADJ PLUG OK,AIR CLEANER MOUNTING BOLT MIS.

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9286	79	FORD	STAW	351	1	COLD TRANS	.79	8.25	768.4	2.64	11.32
IHC, PPM HEXANE			10			COLD STAB	.29	.33	694.1	1.55	12.76
ICO(ACTUAL), PCT			.02			HOT TRANS	.37	2.14	650.5	1.23	13.55
						1975 FTP	.41	2.46	697.5	1.69	12.63

COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF -3.
EEC TEST SHOWS NO SIGNAL FROM EEC UNIT TO EGR SOL.

9287	79	FORD	LTD	351	1	COLD TRANS	.54	4.07	726.6	2.50	12.08
IHC, PPM HEXANE			5			COLD STAB	.11	.05	717.6	.75	12.36
ICO(ACTUAL), PCT			.01			HOT TRANS	.18	.25	667.9	1.37	13.27
						1975 FTP	.22	.93	705.9	1.28	12.54

COMMENTS: MIXTURE ADJ PLUG OK,TAC SNSR LEAKS.
VAC LEAK-PLUG MIS AT INT MANI. FAST IDLE CAM STICKS ON HI STEP

9288	79	FORD	LTD	351	1	COLD TRANS	1.07	11.34	689.0	6.13	12.50
IHC, PPM HEXANE			5			COLD STAB	.39	.20	693.2	3.90	12.77
ICO(ACTUAL), PCT			.01			HOT TRANS	.37	.84	607.4	4.91	14.55
						1975 FTP	.52	2.67	669.0	4.63	13.15

COMMENTS: MIXTURE ADJ PLUG OK,GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.
EEC SYSTEM TEST SHOWS NO SIGNAL FROM ELEC CONTROL UNIT TO EGR SOL.
IRPM OFF +100.

9289	79	FORD	LTD	351	1	COLD TRANS	1.57	17.69	671.0	3.21	12.61
IHC, PPM HEXANE			10			COLD STAB	.31	.82	646.3	1.47	13.68
ICO(ACTUAL), PCT			.38			HOT TRANS	.43	1.89	596.9	2.13	14.76
						1975 FTP	.60	4.58	637.9	2.01	13.72

COMMENTS: MIXTURE ADJ PLUG OK,HOSE TO AIR CLEANER HOUSING NOT CNCTD.
EEC SYSTEM TEST SHOWS NO SIGNAL FROM ELEC CONTROL UNIT TO EGR SOL.
GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.

9290	79	FORD	LTD	351	1	COLD TRANS	.86	9.75	630.7	3.73	13.68
IHC, PPM HEXANE			10			COLD STAB	.20	.33	622.4	2.24	14.23
ICO(ACTUAL), PCT			.02			HOT TRANS	.25	.61	643.3	4.04	13.76
						1975 FTP	.35	2.35	629.8	3.04	13.99

COMMENTS: MIXTURE ADJ PLUG OK,EGR VOLTAGE BELOW SPEC AT HIGH RPM ON EEC TEST.

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0291	80	BUIC	SKYL	151	1	COLD TRANS	1.12	28.61	405.0	3.13	19.57
IHC, PPM HEXANE			5			COLD STAB	.05	1.76	426.4	1.53	20.67
ICO(ACTUAL), PCT			.01			HOT TRANS	.15	4.37	386.4	2.24	22.54
						1975 FTP	.29	8.00	411.1	2.05	20.98
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +175,DECEL VLV CONTROL VAC HOSE MIS. PURGE HOSE NOT CNCTD AT CANIST.VAC HOSE TO EGR VLV NOT CNCTD.											
9292	79	MAZD	STAW	86	1	COLD TRANS	1.92	34.48	335.2	2.23	22.44
IHC, PPM HEXANE			310			COLD STAB	.87	7.70	382.6	.86	22.33
ICO(ACTUAL), PCT			5.50			HOT TRANS	.82	6.32	313.5	1.89	27.22
						1975 FTP	1.07	12.84	354.0	1.42	23.51
COMMENTS: LIMITER CAP OK,IRPM OFF +225,VAC HOSE TORN AT VAC ADVANCE. GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.											
9293	79	MAZD	626	120	1	COLD TRANS	1.08	16.77	415.0	2.60	19.96
IHC, PPM HEXANE			280			COLD STAB	.27	2.15	409.6	.54	21.45
ICO(ACTUAL), PCT			1.40			HOT TRANS	.30	1.39	339.8	1.35	25.88
						1975 FTP	.44	4.95	391.7	1.19	22.14
COMMENTS: LIMITER CAP OK,GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.											
9294	79	MAZD	GLC	86	1	COLD TRANS	2.08	31.17	320.8	2.64	23.58
IHC, PPM HEXANE			300			COLD STAB	.76	6.60	362.4	.99	23.66
ICO(ACTUAL), PCT			4.20			HOT TRANS	.92	6.49	289.8	2.11	29.30
						1975 FTP	1.08	11.63	334.0	1.63	24.95
COMMENTS: LIMITER CAP OK,IRPM OFF +200,SPARK DELAY VLV DEFECTIVE.											
0295	80	CHEV	CITA	171	1	COLD TRANS	3.97	92.59	399.5	.91	15.92
IHC, PPM HEXANE			30			COLD STAB	6.32	163.79	340.0	.62	14.37
ICO(ACTUAL), PCT			.20			HOT TRANS	1.95	58.13	364.3	1.11	19.22
						1975 FTP	4.64	120.31	358.9	.81	15.77
COMMENTS: MIXTURE ADJ PLUG MIS,CARBURETOR ADJ PLUG BASE BRKN OFF. CHOKE OFF INR,MAXIMUM CENTRIFUGAL ADV AT MID RANGE. VAC LINE PLUGGED AT EGR VLV.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9296	79	FORD	LTD	351	1	COLD TRANS	1.29	13.82	666.2	2.91	12.83
IHC, PPM HEXANE			10			COLD STAB	.16	.28	634.6	1.63	13.97
ICO(ACTUAL), PCT			.01			HOT TRANS	.28	1.31	607.7	2.44	14.53
						1975 FTP	.42	3.35	633.8	2.12	13.86

COMMENTS: MIXTURE ADJ PLUG OK,EGR CONTROL AND VENT HOSE CROSSED,
EEC TEST SHOWS EGR VOLTAGE BELOW SPEC AT HIGH RPM.

9297	79	FORD	STAW	351	1	COLD TRANS	.82	14.09	766.2	3.06	11.22
IHC, PPM HEXANE			210			COLD STAB	.28	.51	692.6	1.15	12.78
ICO(ACTUAL), PCT			2.00			HOT TRANS	.32	1.23	670.2	1.74	13.18
						1975 FTP	.40	3.50	701.7	1.71	12.53

COMMENTS: MIXTURE ADJ PLUG OK,AIR CLEANER SNSR DEF,AIR FILTER DIRTY.
EEC SYSTEM SHOWS EGR VOLTAGE BELOW SPEC AT HIGH RPM,TIMG OFF -3.

9298	79	FORD	STAW	351	1	COLD TRANS	2.59	14.62	708.2	3.94	12.00
IHC, PPM HEXANE			350			COLD STAB	.28	.95	670.8	1.21	13.18
ICO(ACTUAL), PCT			.01			HOT TRANS	.33	1.48	633.3	1.55	13.94
						1975 FTP	.77	3.91	668.3	1.87	13.11

COMMENTS: MIXTURE ADJ PLUG OK,NO EGR SOL SIGNAL FROM EEC UNIT,TIMG OFF -6.

9299	79	MAZD	GLC	86	1	COLD TRANS	1.74	30.33	310.5	1.86	24.40
IHC, PPM HEXANE			260			COLD STAB	.50	2.33	350.8	.66	24.93
ICO(ACTUAL), PCT			4.00			HOT TRANS	.65	3.54	282.9	1.39	30.55
						1975 FTP	.79	8.42	324.0	1.10	26.12

COMMENTS: LIMITER CAP OK,IRPM OFF +200,SPARK DELAY VLV DEFECTIVE.

9300	79	FORD	LTD	351	1	COLD TRANS	1.22	24.21	651.2	5.20	12.80
IHC, PPM HEXANE			250			COLD STAB	.24	6.70	626.8	5.20	13.91
ICO(ACTUAL), PCT			3.00			HOT TRANS	.62	11.62	569.0	3.50	15.06
						1975 FTP	.55	11.64	616.0	4.74	13.95

COMMENTS: ONE MIXTURE ADJ PLUG MIS AND ONE OK.
GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING,EGR SNSR WIRE DISCNCTD.
NO SIGNAL FROM EEC UNIT TO EGR AND AIR PUMP SOL.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
8301	80	BUIC	SKYL	151	1	COLD TRANS	1.58	28.05	397.6	1.13	19.87
IHC, PPM HEXANE			5			COLD STAB	.25	2.84	422.5	.23	20.75
ICO(ACTUAL), PCT			.01			HOT TRANS	.33	5.77	372.5	.43	23.20
						1975 FTP	.54	8.83	403.7	.47	21.17
COMMENTS: MIXTURE ADJ PLUG OK.											
9302	79	MERC	MARQ	351	1	COLD TRANS	1.41	11.17	699.2	2.41	12.31
IHC, PPM HEXANE			10			COLD STAB	.13	.38	652.8	1.06	13.58
ICO(ACTUAL), PCT			.01			HOT TRANS	.18	1.87	628.4	1.29	14.05
						1975 FTP	.40	3.01	655.7	1.40	13.41
COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF -3.											
9303	79	MAZD	STAW	86	1	COLD TRANS	.77	17.88	389.3	3.02	21.15
IHC, PPM HEXANE			110			COLD STAB	.16	2.07	341.7	1.18	25.69
ICO(ACTUAL), PCT			1.60			HOT TRANS	.33	7.41	335.4	2.05	25.50
						1975 FTP	.33	6.77	349.8	1.80	24.56
COMMENTS: LIMITER CAP OK,IRPM OFF +190.											
8304	80	CHEV	CITA	171	1	COLD TRANS	.65	14.07	514.3	.89	16.48
IHC, PPM HEXANE			19			COLD STAB	.04	.74	554.7	.39	15.96
ICO(ACTUAL), PCT			.01			HOT TRANS	.14	2.92	460.7	.77	19.06
						1975 FTP	.19	4.08	520.7	.60	16.82
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +300.											
8305	80	CHEV	CITA	171	1	COLD TRANS	.64	18.08	478.9	1.33	17.43
IHC, PPM HEXANE			5			COLD STAB	.09	3.48	488.5	.54	17.96
ICO(ACTUAL), PCT			.01			HOT TRANS	.21	6.91	430.8	1.01	20.07
						1975 FTP	.23	7.42	470.8	.83	18.37
COMMENTS: MIXTURE ADJ PLUG OK.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0306	80	PONT	PHOE	151	1	COLD TRANS	.94	23.45	421.8	1.62	19.22
IHC, PPM HEXANE			5			COLD STAB	.05	2.20	445.2	.58	19.78
ICO(ACTUAL), PCT			.01			HOT TRANS	.25	7.49	392.0	.73	21.94
						1975 FTP	.29	8.02	425.9	.83	20.20
COMMENTS: MIXTURE ADJ PLUG OK, IRPM OFF +110.											
0307	80	CHEV	CITA	171	1	COLD TRANS	.58	12.73	481.2	1.89	17.64
IHC, PPM HEXANE			20			COLD STAB	.09	4.35	519.2	.42	16.86
ICO(ACTUAL), PCT			.20			HOT TRANS	.25	5.21	428.4	.91	20.29
						1975 FTP	.23	6.31	486.6	.69	17.85
COMMENTS: MIXTURE ADJ PLUG OK, IRPM OFF +175.											
0308	80	CHEV	CITA	171	1	COLD TRANS	.97	22.98	521.0	.94	15.84
IHC, PPM HEXANE			5			COLD STAB	.07	2.07	557.3	.57	15.83
ICO(ACTUAL), PCT			.01			HOT TRANS	.13	5.04	470.2	.94	18.55
						1975 FTP	.27	7.19	526.0	.74	16.49
COMMENTS: MIXTURE ADJ PLUG OK, IRPM OFF +150.											
0309	80	CHEV	CITA	171	1	COLD TRANS	.61	11.28	490.3	1.38	17.40
IHC, PPM HEXANE			5			COLD STAB	.07	1.71	508.6	.70	17.35
ICO(ACTUAL), PCT			.01			HOT TRANS	.11	2.81	432.5	1.16	20.30
						1975 FTP	.19	3.98	484.1	.96	18.08
COMMENTS: MIXTURE ADJ PLUG OK.											
0310	80	BUIC	SKYL	151	1	COLD TRANS	1.19	24.40	418.2	1.50	19.28
IHC, PPM HEXANE			5			COLD STAB	.06	2.58	431.6	.43	20.37
ICO(ACTUAL), PCT			.01			HOT TRANS	.21	8.66	395.7	.73	21.65
						1975 FTP	.34	8.73	419.0	.73	20.46
COMMENTS: MIXTURE ADJ PLUG OK, TIMG OFF -3.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9311	79	FORD	LTD	351	1	COLD TRANS	1.15	8.69	715.3	3.23	12.11
IHC, PPM HEXANE			300			COLD STAB	.13	.15	789.6	2.35	11.23
ICO(ACTUAL), PCT			.10			HOT TRANS	.25	1.39	660.7	2.21	13.37
						1975 FTP	.37	2.25	739.1	2.49	11.93

COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +140,WRONG GAS CAP,CANISTER CAP MIS.
CHOKE ASSEMBLY AND COLD ENRICHMENT FROZE IN NORMAL POSITION.
EEC SYSTEM TEST SHOWS EGR VOLTAGE BELOW SPEC AT HIGH RPM.

9312	79	FORD	LTD	351	1	COLD TRANS	.71	9.53	722.5	2.43	12.00
IHC, PPM HEXANE			5			COLD STAB	.18	.23	689.5	.58	12.85
ICO(ACTUAL), PCT			.01			HOT TRANS	.27	2.70	641.6	.89	13.73
						1975 FTP	.31	2.82	683.2	1.05	12.89

COMMENTS: ONE MIXTURE ADJ PLUG MIS AND ONE OK

0313	80	CHEV	CITA	151	1	COLD TRANS	1.11	23.01	400.5	1.03	20.17
IHC, PPM HEXANE			5			COLD STAB	.02	.54	438.6	.17	20.20
ICO(ACTUAL), PCT			.01			HOT TRANS	.16	4.48	381.0	.17	22.84
						1975 FTP	.28	6.24	415.0	.35	20.85

COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +150.

0314	80	CHEV	CITA	151	1	COLD TRANS	.96	19.47	426.4	1.71	19.29
IHC, PPM HEXANE			5			COLD STAB	.03	1.10	433.7	.54	20.38
ICO(ACTUAL), PCT			.01			HOT TRANS	.23	8.08	383.6	.49	22.36
						1975 FTP	.27	6.78	418.5	.77	20.64

COMMENTS: MIXTURE ADJ PLUG OK.

9315	79	FORD	LTD	351	1	COLD TRANS	1.46	8.91	686.4	3.35	12.59
IHC, PPM HEXANE			20			COLD STAB	.21	0.00	637.9	1.50	13.90
ICO(ACTUAL), PCT			.01			HOT TRANS	.41	1.11	599.1	2.44	14.74
						1975 FTP	.52	2.14	637.3	2.14	13.82

COMMENTS: MIXTURE ADJ PLUG OK.
EEC SYSTEM TEST SHOWS EGR VOLTAGE BELOW SPEC AT HIGH RPM.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9316	79	FORD	LTD	351	1	COLD TRANS	1.65	5.77	762.4	3.46	11.43
IHC, PPM HEXANE			60			COLD STAB	.65	.23	707.0	1.25	12.51
ICO(ACTUAL), PCT			.01			HOT TRANS	.68	2.01	593.1	1.47	14.83
						1975 FTP	.86	1.85	687.3	1.76	12.81

COMMENTS: MIXTURE ADJ PLUG OK.
EEC SYSTEM TEST SHOWS EGR VOLTAGE BELOW SPEC AT HIGH RPM.

9317	79	FORD	STAW	351	1	COLD TRANS	.81	8.55	834.0	2.40	10.44
IHC, PPM HEXANE			5			COLD STAB	.08	0.00	776.9	.97	11.42
ICO(ACTUAL), PCT			.01			HOT TRANS	.14	.81	741.9	1.12	11.94
						1975 FTP	.25	1.98	779.1	1.31	11.34

COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +105,TIMG OFF -3.

0318	80	CHEV	CITA	171	1	COLD TRANS	.53	13.34	495.1	.91	17.14
IHC, PPM HEXANE			5			COLD STAB	.04	1.15	531.5	.57	16.64
ICO(ACTUAL), PCT			.01			HOT TRANS	.13	2.84	454.5	.75	19.32
						1975 FTP	.16	4.12	503.0	.69	17.40

COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +200.

0319	80	CHEV	CITA	171	1	COLD TRANS	1.07	22.62	481.9	.99	17.04
IHC, PPM HEXANE			5			COLD STAB	.19	7.21	494.9	.37	17.51
ICO(ACTUAL), PCT			.01			HOT TRANS	.44	9.72	425.5	.70	20.07
						1975 FTP	.44	11.07	473.3	.59	18.04

COMMENTS: MIXTURE ADJ PLUG OK.

0320	80	CHEV	CITA	171	1	COLD TRANS	.54	9.92	455.5	2.12	18.77
IHC, PPM HEXANE			10			COLD STAB	.06	2.46	463.4	1.26	18.99
ICO(ACTUAL), PCT			.10			HOT TRANS	.15	5.91	408.1	1.91	21.24
						1975 FTP	.18	4.93	446.7	1.61	19.51

COMMENTS: MIXTURE ADJ PLUG OK,VAC LINE TO EGR VLV NOT CNCTD AND PLGD.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0321	80	CHEV	CITA	171	1	COLD TRANS	.77	9.47	500.3	1.30	17.15
IHC, PPM HEXANE		5				COLD STAB	.05	2.25	531.7	.41	16.58
ICO(ACTUAL), PCT		.01				HOT TRANS	.16	4.23	441.3	.91	19.79
						1975 FTP	.23	4.28	500.6	.73	17.47
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +225.											
0322	80	CHEV	CITA	171	1	COLD TRANS	.74	16.94	494.5	1.21	16.95
IHC, PPM HEXANE		5				COLD STAB	.08	3.48	485.3	.49	18.07
ICO(ACTUAL), PCT		.01				HOT TRANS	.21	7.13	422.8	.92	20.42
						1975 FTP	.25	7.24	470.2	.76	18.40
COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF -8.											
0323	80	CHEV	CITA	171	1	COLD TRANS	.64	14.76	459.7	1.36	18.30
IHC, PPM HEXANE		50				COLD STAB	.09	3.96	469.0	.47	18.67
ICO(ACTUAL), PCT		.50				HOT TRANS	.25	4.43	411.8	.94	21.15
						1975 FTP	.25	6.31	451.5	.78	19.20
COMMENTS: MIXTURE ADJ PLUG OK,TAILPIPE CO READINGS UNSTABLE											
0324	80	CHEV	CITA	171	1	COLD TRANS	.76	16.10	509.8	1.13	16.51
IHC, PPM HEXANE		5				COLD STAB	.07	2.61	566.0	.74	15.56
ICO(ACTUAL), PCT		.01				HOT TRANS	.19	5.35	481.8	1.12	18.08
						1975 FTP	.25	6.13	531.4	.92	16.38
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +125,SOL MALADJUSTED. AIR COND SOL ON CONSTANTLY WITH AIR COND SWITCH OFF POSITION.											
0325	80	CHEV	CITA	171	1	COLD TRANS	.92	18.75	490.1	.86	16.99
IHC, PPM HEXANE		5				COLD STAB	.04	1.66	504.5	.37	17.50
ICO(ACTUAL), PCT		.01				HOT TRANS	.10	2.76	434.6	.79	20.21
						1975 FTP	.24	5.48	482.5	.59	18.05
COMMENTS: MIXTURE ADJ PLUG OK.											

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0326	80	CHEV	CITA	171	1	COLD TRANS	.83	19.53	501.3	.93	16.60
IHC, PPM HEXANE			5			COLD STAB	.05	2.07	537.5	.40	16.41
ICO(ACTUAL), PCT			.01			HOT TRANS	.11	4.60	463.9	.97	18.82
						1975 FTP	.23	6.35	510.0	.66	17.05
COMMENTS: MIXTURE ADJ PLUG OK,GAS CAP MIS.											
0327	80	BUIC	SKYL	171	1	COLD TRANS	1.25	33.12	478.6	2.10	16.60
IHC, PPM HEXANE			20			COLD STAB	.14	4.65	486.5	1.44	17.96
ICO(ACTUAL), PCT			.01			HOT TRANS	.15	3.34	441.7	2.06	19.84
						1975 FTP	.37	10.16	472.7	1.75	18.12
COMMENTS: MIXTURE ADJ PLUG MIS,CARBURETOR BASE AT ADJ PLUG BROKEN OFF. VAC LINE TO EGR VLV PLGD.											
0328	80	OLDS	OMEG	171	1	COLD TRANS	.67	11.28	513.9	.93	16.63
IHC, PPM HEXANE			5			COLD STAB	.03	1.28	537.4	.49	16.45
ICO(ACTUAL), PCT			.01			HOT TRANS	.45	9.25	474.0	.41	18.11
						1975 FTP	.28	5.51	515.3	.56	16.91
COMMENTS: MIXTURE ADJ PLUG OK.											
9329	79	FORD	LTD	351	1	COLD TRANS	1.55	11.62	684.7	2.50	12.54
IHC, PPM HEXANE			15			COLD STAB	.24	.54	670.8	.66	13.20
ICO(ACTUAL), PCT			.20			HOT TRANS	.23	1.34	631.9	1.05	13.98
						1975 FTP	.51	3.04	663.0	1.14	13.26
COMMENTS: MIXTURE ADJ PLUG OK,GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.											
9330	79	FORD	STAW	351	1	COLD TRANS	3.56	84.37	773.6	.93	9.67
IHC, PPM HEXANE			780			COLD STAB	8.69	190.18	551.7	.35	10.11
ICO(ACTUAL), PCT			8.00			HOT TRANS	6.89	144.32	542.1	.43	11.22
						1975 FTP	7.15	155.89	594.8	.49	10.29
COMMENTS: MIXTURE ADJ PLUG OK,EEC SYS TEST SHOWS POOR CONNECTION AT O2 SNSR TIMG OFF -3.											

APPENDIX C

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LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9331	79	FORD	STAW	351	1	COLD TRANS	1.46	19.55	692.6	3.74	12.19
IHC, PPM HEXANE			20			COLD STAB	.46	.82	640.7	.72	13.79
ICO(ACTUAL), PCT			.01			HOT TRANS	.53	3.34	603.0	.86	14.55
						1975 FTP	.69	5.36	641.1	1.38	13.62
COMMENTS: MIXTURE ADJ PLUG OK,TIMG OFF -3.											
9332	79	FORD	STAW	351	1	COLD TRANS	1.66	29.39	756.7	2.75	10.98
IHC, PPM HEXANE			20			COLD STAB	.52	.90	682.9	1.36	12.94
ICO(ACTUAL), PCT			.01			HOT TRANS	.56	4.07	658.2	1.71	13.32
						1975 FTP	.77	7.62	691.4	1.74	12.57
COMMENTS: MIXTURE ADJ PLUG OK,EEC SYSTEM TEST SHOWS EGR VOLTAGE OK. TIMG OFF -3.											
0333	80	CHEV	CITA	171	1	COLD TRANS	1.18	14.04	513.8	1.40	16.45
IHC, PPM HEXANE			10			COLD STAB	.06	1.97	534.0	.50	16.52
ICO(ACTUAL), PCT			.10			HOT TRANS	.11	2.95	452.2	1.02	19.41
						1975 FTP	.31	4.72	507.5	.83	17.20
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +175.											
0334	80	CHEV	CITA	171	1	COLD TRANS	.83	17.80	472.5	1.14	17.64
IHC, PPM HEXANE			5			COLD STAB	.07	2.43	488.0	.43	18.04
ICO(ACTUAL), PCT			.01			HOT TRANS	.13	3.96	422.9	.90	20.66
						1975 FTP	.24	6.01	467.0	.71	18.60
COMMENTS: MIXTURE ADJ PLUG OK,PCV GROMMET MIS FROM AIR CLEANER.											
0335	80	CHEV	CITA	171	1	COLD TRANS	1.39	38.61	453.9	.89	17.10
IHC, PPM HEXANE			5			COLD STAB	.06	2.33	481.9	.48	18.27
ICO(ACTUAL), PCT			.01			HOT TRANS	.13	3.68	426.1	.79	20.53
						1975 FTP	.35	10.16	460.9	.65	18.57
COMMENTS: MIXTURE ADJ PLUG OK.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
0336	80	BUIC	SKYL	151	1	COLD TRANS	1.13	24.09	405.4	1.12	19.86
IHC, PPM HEXANE			5			COLD STAB	.01	.15	453.7	.39	19.55
ICO(ACTUAL), PCT			.01			HOT TRANS	.20	6.69	395.8	.42	21.81
						1975 FTP	.29	6.86	428.0	.55	20.19
COMMENTS: MIXTURE ADJ PLUG OK.IRPM OFF +210.											
9337	79	VOLK	STAW	120	1	COLD TRANS	1.42	25.57	506.3	1.05	16.11
IHC, PPM HEXANE			50			COLD STAB	.05	2.43	570.4	.90	15.45
ICO(ACTUAL), PCT			1.90			HOT TRANS	.19	8.75	498.9	1.10	17.29
						1975 FTP	.37	8.92	537.7	.99	16.05
COMMENTS: LIMITER CAP NA											
9338	79	FORD	LTD	351	1	COLD TRANS	.69	9.75	688.7	2.69	12.57
IHC, PPM HEXANE			5			COLD STAB	.22	.13	638.1	1.19	13.89
ICO(ACTUAL), PCT			.01			HOT TRANS	.23	.97	573.4	1.53	15.42
						1975 FTP	.32	2.34	630.9	1.59	13.97
COMMENTS: MIXTURE ADJ PLUG OK EEC SYSTEM TEST SHOWS EGR VOLTAGE OK.											
9339	79	FORD	LTD	351	1	COLD TRANS	1.10	6.60	675.3	2.58	12.88
IHC, PPM HEXANE			5			COLD STAB	.15	.15	658.1	.85	13.47
ICO(ACTUAL), PCT			.01			HOT TRANS	.19	1.14	608.2	1.06	14.54
						1975 FTP	.35	1.75	648.0	1.26	13.61
COMMENTS: MIXTURE ADJ PLUG OK GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.											
9340	79	TOYO	SUPR	156	1	COLD TRANS	1.06	14.12	516.6	1.12	16.37
IHC, PPM HEXANE			10			COLD STAB	0.00	1.07	475.2	.18	18.61
ICO(ACTUAL), PCT			.01			HOT TRANS	.08	1.56	448.3	.62	19.68
						1975 FTP	.24	3.89	476.4	.49	18.36
COMMENTS: LIMITER CAP NA.											

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9341	79	FORD	LTD	351	1	COLD TRANS	1.09	23.48	647.0	2.53	12.91
IHC, PPM HEXANE			20			COLD STAB	.40	12.79	632.0	.51	13.58
ICO(ACTUAL), PCT			.01			HOT TRANS	.37	8.86	580.3	.94	14.91
						1975 FTP	.54	13.92	621.0	1.04	13.77

COMMENTS: MIXTURE ADJ PLUG OK,HEATED AIR DUCT NOT CNCTD,TIMG OFF +3.
EEC TEST SHOWS EGR VENT AND TAD SIGNAL UNCONTROLLED.

9342	79	FORD	LTD	351	1	COLD TRANS	.82	5.52	626.0	3.17	13.93
IHC, PPM HEXANE			40			COLD STAB	.38	.61	601.9	.93	14.69
ICO(ACTUAL), PCT			.01			HOT TRANS	.36	1.36	547.7	1.35	16.11
						1975 FTP	.47	1.83	592.1	1.51	14.88

COMMENTS: MIXTURE ADJ PLUG OK
GAS FILLER NECK RESTRICTOR FLAP NOT CLOSING.

0343	80	CHEV	CITA	151	1	COLD TRANS	.78	19.14	376.7	1.33	21.69
IHC, PPM HEXANE			5			COLD STAB	.05	2.69	399.0	.44	22.80
ICO(ACTUAL), PCT			.01			HOT TRANS	.24	7.16	335.8	.64	25.52
						1975 FTP	.25	7.29	377.2	.68	22.79

COMMENTS: MIXTURE ADJ PLUG OK.

9344	79	FORD	STAW	351	1	COLD TRANS	3.69	101.64	692.2	2.09	10.28
IHC, PPM HEXANE			150			COLD STAB	4.42	150.74	570.9	.70	10.80
ICO(ACTUAL), PCT			4.50			HOT TRANS	3.05	98.08	576.4	1.02	11.99
						1975 FTP	3.90	126.27	597.4	1.07	10.98

COMMENTS: MIXTURE ADJ PLUG OK,AIR FLTR DIRTY
EEC TEST SHOWS NO SIGNAL TO TAD SOL,NO VOLTAGE FROM O2 SNSR

9345	79	MAZD	626	120	1	COLD TRANS	1.30	16.10	358.2	2.84	22.90
IHC, PPM HEXANE			270			COLD STAB	.15	3.61	394.3	.53	22.16
ICO(ACTUAL), PCT			.50			HOT TRANS	.20	1.36	332.2	1.28	26.50
						1975 FTP	.40	5.57	369.9	1.21	23.36

COMMENTS: LIMITER CAP OK,IRPM OFF +125.

APPENDIX C

LISTING OF FEDERAL TEST PROCEDURE RESULTS ON INDIVIDUAL VEHICLES

LOS ANGELES

EXHAUST EMISSIONS IN GRAMS PER MILE
FUEL ECONOMY IN MILES PER GALLON
SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	TEST TYPE	HC	CO	CO2	NOXC	FUEL ECON
9346	79	FORD	LTD	351	1	COLD TRANS	1.67	30.00	694.8	1.38	11.88
IHC, PPM HEXANE			10			COLD STAB	.50	13.09	665.3	.15	12.91
ICO(ACTUAL), PCT			.01			HOT TRANS	1.74	43.59	581.6	.50	13.54
						1975 FTP	1.08	24.90	648.5	.50	12.84
COMMENTS: MIXTURE ADJ PLUG APPEARS TO HAVE BEEN REMOVED AND REPLACED.											
0347	80	CHEV	CITA	171	1	COLD TRANS	.72	21.67	469.2	1.11	17.55
IHC, PPM HEXANE			5			COLD STAB	.06	3.04	512.7	.52	17.14
ICO(ACTUAL), PCT			.01			HOT TRANS	.21	4.46	433.0	1.04	20.14
						1975 FTP	.24	7.26	482.0	.78	17.96
COMMENTS: MIXTURE ADJ PLUG OK,CHOKE ANGLE OFF 5 DEGREES LEAN.											
9348	79	FORD	LTD	351	1	COLD TRANS	.47	6.07	680.9	2.93	12.83
IHC, PPM HEXANE			20			COLD STAB	.19	.69	639.5	1.24	13.84
ICO(ACTUAL), PCT			.01			HOT TRANS	.25	1.31	588.0	1.63	15.02
						1975 FTP	.26	1.97	634.0	1.69	13.91
COMMENTS: MIXTURE ADJ PLUG OK. EEC TEST SHOWS EEC SIGNAL TO EGR VENT SOL CONSTANTLY ON.											
0349	80	CHEV	CITA	151	1	COLD TRANS	.82	17.66	376.0	1.53	21.84
IHC, PPM HEXANE			5			COLD STAB	.04	1.53	394.6	.50	22.35
ICO(ACTUAL), PCT			.01			HOT TRANS	.18	3.40	345.8	.71	25.23
						1975 FTP	.24	5.36	377.4	.77	22.96
COMMENTS: MIXTURE ADJ PLUG OK,IRPM OFF +125.											
0350	80	CHEV	CITA	171	1	COLD TRANS	.53	14.40	504.1	1.17	16.80
IHC, PPM HEXANE			30			COLD STAB	.07	1.41	526.4	.77	16.78
ICO(ACTUAL), PCT			.01			HOT TRANS	.23	3.68	449.6	1.03	19.46
						1975 FTP	.21	4.70	500.9	.92	17.44
COMMENTS: MIXTURE ADJ PLUG OK.											

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST RESULTS ON INDIVIDUAL VEHICLES

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST EMISSIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	HC	CO	CO2	NOXC	FUEL ECON
8001	78	VOLV	262C	163	1	1.04	22.82	431.2	2.06	18.86
8002	78	VOLV	264G	163	1	.07	1.13	436.6	1.05	20.22
9003	79	CADI	SEVI	350	1	.08	1.90	465.2	1.89	18.93
8004	78	VOLV	264G	163	1	.85	21.80	424.8	1.56	19.21
8005	78	VOLV	264G	163	1	.63	12.00	433.0	.86	19.54
8006	78	FORD	PINT	140	1	.06	.63	278.2	1.15	31.74
9007	79	FORD	PINT	140	1	.06	.27	344.5	1.32	25.70
9008	79	TOYO	SUPR	156	1	.01	.43	325.2	.04	27.21
9009	79	FORD	PINT	140	1	.14	1.94	300.5	.62	29.18
9010	79	FORD	PINT	140	1	.05	.38	364.4	1.15	24.28
8011	78	FORD	PINT	140	1	.02	.04	333.9	.82	26.55
8012	78	FORD	PINT	140	1	.05	.02	313.1	.95	28.31
8013	78	VOLV	264G	163	1	.19	2.90	398.1	.40	21.99
9014	79	VOLV	244D	130	1	.04	.75	358.7	.76	24.63
8015	78	FORD	STAW	140	1	.09	.17	326.0	1.31	27.16
8016	78	FORD	PINT	140	1	.13	3.48	360.7	.66	24.19
8017	78	FORD	PINT	140	1	.19	.44	271.0	.52	32.57
8018	78	FORD	PINT	140	1	.17	.82	262.5	1.68	33.55
8019	78	FORD	PINT	140	1	.09	3.00	254.7	.88	34.15
8020	78	FORD	PINT	140	1	.06	.09	341.4	2.19	25.95
8021	78	FORD	STAW	140	1	.07	.42	308.5	1.22	28.66
8022	78	FORD	PINT	140	1	.12	1.17	254.0	.96	34.61
8023	78	FORD	PINT	140	1	.11	.47	268.1	1.35	32.94
8024	78	FORD	PINT	140	1	.04	.52	278.7	.94	31.71
8025	78	FORD	PINT	140	1	1.24	17.63	229.0	.67	34.02
8026	78	FORD	STAW	140	1	.08	.45	325.4	1.31	27.18
9027	79	VOLV	244D	130	1	.64	16.14	362.0	1.02	22.77
8028	78	FORD	PINT	140	1	.19	4.58	306.6	.51	28.21
8029	78	FORD	PINT	140	1	.03	.07	283.6	1.11	31.24
9030	79	MAZD	GLC	86	1	.25	1.04	213.9	2.14	40.99
8031	78	FORD	PINT	140	1	.18	.62	263.2	1.08	33.53
8032	78	FORD	PINT	140	1	.06	.12	318.1	2.01	27.85
8033	78	VOLV	264G	163	1	.04	.98	424.0	.43	20.83
9034	79	MERC	MARQ	351	1	.03	.13	561.0	1.09	15.80
8035	78	FORD	STAW	140	1	.05	.09	334.7	1.63	26.47
9036	79	MAZD	GLC	86	1	.29	1.56	226.6	1.72	38.56
9037	79	MERC	MARQ	351	1	.08	.38	437.1	.70	20.25
9038	79	MAZD	GLC	86	1	.16	.49	221.3	2.18	39.85
8039	78	FORD	PINT	140	1	.07	.51	274.9	1.37	32.14
9040	79	TOYO	SUPR	156	1	.10	.93	355.1	.13	24.85

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APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	HC	CO	CO2	NOXC	FUEL ECON
9041	79	MERC	MARQ	351	1	.07	.04	502.0	1.06	17.66
0042	80	CHEV	CITA	171	1	.02	1.77	382.4	.59	23.02
8043	78	SAAB	99L	121	1	.09	1.11	322.7	1.14	27.31
0044	80	CHEV	CITA	151	1	.02	.43	322.4	1.14	27.44
8045	78	FORD	PINT	140	1	.06	.19	380.0	.68	23.43
9046	79	CHEV	MONZ	151	1	.06	3.29	317.8	.20	2..44
9047	79	MAZD	GLC	86	1	.50	2.69	229.4	2.23	37.71
8048	78	FORD	PINT	140	1	.04	2.05	340.3	.79	25.80
9049	79	MAZD	GLC	86	1	.19	.58	240.3	2.10	36.67
9050	79	MAZD	STAW	86	1	.11	1.10	321.6	3.48	27.40
9051	79	CHEV	MONZ	151	1	.07	1.11	273.7	.69	32.18
9052	79	PONT	SUNB	151	1	.12	3.68	338.6	.36	25.72
9053	79	CHEV	MONZ	151	1	.14	3.59	322.2	.40	27.02
8054	78	PONT	SUNB	151	1	2.61	142.25	224.9	.37	19.42
8055	78	PONT	SUNB	151	1	.09	2.91	323.3	.25	27.02
9056	79	MAZD	GLC	86	1	.35	1.56	232.2	2.44	37.61
9057	79	MERC	MARQ	351	1	1.91	40.76	414.7	.27	18.29
8058	78	PONT	SUNB	151	1	.28	6.62	288.0	.17	29.63
8059	78	CHEV	MONZ	151	1	.25	4.14	338.8	.38	25.63
9060	79	CHEV	MONZ	151	1	.06	1.20	284.8	.79	30.94
9061	79	PONT	SUNB	151	1	.75	14.88	271.0	.45	29.88
8062	78	CHEV	MONZ	151	1	.13	2.47	322.8	2.50	27.11
8063	78	CHEV	MONZ	151	1	.05	.77	333.2	1.75	26.50
9064	79	MAZD	STAW	86	1	.13	.31	235.5	1.75	37.51
8065	78	FORD	PINT	140	1	.18	.39	272.2	1.12	32.44
9066	79	CHEV	MONZ	151	1	.06	1.23	291.3	.54	30.22
9067	79	PONT	SUNB	151	1	.04	.61	337.8	1.05	26.17
9068	79	CHEV	MONZ	151	1	.08	1.70	282.0	.21	31.12
9069	79	VOLV	264G	163	1	.03	.88	431.5	.59	20.48
9070	79	PONT	SUNB	151	1	.07	1.42	289.6	.19	30.39
8071	78	CHEV	MONZ	151	1	2.37	148.47	243.5	.32	18.31
8072	78	PONT	SUNB	151	1	1.29	31.59	278.9	.40	26.66
9073	79	CHEV	MONZ	151	1	.10	1.22	298.0	.72	30.04
9074	79	TOYO	SUPR	156	1	.03	.84	342.9	.06	25.76
9075	79	FORD	LTD	351	1	.03	0.00	353.9	5.73	25.05
8076	78	FORD	PINT	140	1	.08	.63	280.2	1.42	31.51
9077	79	CHEV	MONZ	151	1	1.50	33.64	253.5	.82	28.50
8078	78	CHEV	MONZ	151	1	.05	.70	314.7	.40	28.10
9079	79	TOYO	SUPR	156	1	.02	.86	364.2	.04	24.26
8080	78	PONT	SUNB	151	1	.19	2.48	301.3	.17	29.00

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	HC	CO	CO2	NOXC	FUEL ECON
9081	79	MAZD	626	120	1	.50	7.35	320.5	.59	26.58
8082	78	CHEV	STAW	151	1	.40	9.22	328.8	.65	25.74
9083	79	TOYO	SUPR	156	1	.01	.36	356.7	.04	24.82
9084	79	MAZD	626	120	1	.24	7.60	304.0	.34	28.80
9085	79	VOLV	242D	130	1	.13	.77	379.8	.48	23.25
9086	79	MAZD	GLC	86	1	.13	.22	239.5	1.93	36.91
9087	79	MAZD	626	120	1	.09	.36	258.5	.74	34.20
9088	79	MAZD	626	120	1	.08	.18	268.4	.67	32.98
9089	79	MAZD	626	120	1	.09	.24	276.2	.97	32.03
9090	79	MAZD	626	120	1	.29	7.87	319.2	.48	26.67
9091	79	MAZD	626	120	1	.27	5.45	300.6	.34	28.60
9092	79	MAZD	GLC	86	1	.14	.30	224.3	1.62	39.37
9093	79	MAZD	GLC	86	1	.07	.33	303.4	5.17	29.15
9094	79	MAZD	626	120	1	.49	14.88	306.3	.33	26.78
9095	79	MAZD	GLC	86	1	.16	.22	193.1	1.00	45.73
9096	79	MERC	STAW	351	1	.11	.81	573.7	.71	15.41
9097	79	FORD	LTD	351	1	.03	.01	460.6	.78	19.26
9098	79	MAZD	626	120	1	.07	.65	273.6	.71	32.27
9099	79	MERC	MARQ	351	1	.04	.03	408.9	.36	21.68
9100	79	FORD	LTD	351	1	.30	3.64	381.1	.46	22.87
9101	79	MERC	MARQ	351	1	.08	.04	419.4	.54	21.13
9102	79	MERC	MARQ	351	1	.03	0.00	444.6	.36	19.94
9103	79	MERC	MARQ	351	1	.04	.02	397.2	.45	22.32
9104	79	VOLV	264G	163	1	.22	3.49	358.5	.16	24.32
9105	79	VOLV	264G	163	1	.03	.79	423.7	.15	20.87
9106	79	MERC	MARQ	351	1	.06	.04	499.7	.95	17.75
9107	79	FORD	LTD	351	1	.08	.01	435.9	1.36	20.35
9108	79	MERC	MARQ	351	1	.05	0.00	483.3	1.02	18.36
8109	78	VOLV	264G	163	1	.32	1.10	407.0	.98	21.64
9110	79	FORD	STAW	351	1	.04	.01	520.8	.78	17.04
9111	79	VOLV	242D	130	1	.03	.33	328.2	.20	26.99
9112	79	FORD	LTD	351	1	.05	.02	449.9	.47	19.70
9113	79	VOLK	CAMP	120	1	1.39	119.56	284.2	.74	18.63
9114	79	VOLV	242D	130	1	.04	.41	324.6	.18	27.26
9115	79	VOLK	STAW	120	1	.10	.95	392.4	1.33	22.50
9116	79	VOLK	CAMP	120	1	.03	2.13	385.5	.62	22.80
9117	79	FORD	LTD	351	1	.03	.03	459.4	2.42	19.30
9118	79	VOLV	242D	130	1	.10	.70	364.4	.05	24.24
9119	79	MERC	MARQ	351	1	.04	.27	515.5	1.79	17.19
9120	79	VOLV	244D	130	1	.05	.46	357.2	.05	24.76

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST EMISSIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	HC	CO	CO2	NOXC	FUEL ECON
8121	78	VOLV	242G	130	1	.03	.85	338.1	.13	26.12
9122	79	VOLV	264G	163	1	.03	.49	406.1	.20	21.79
9123	79	VOLV	244D	130	1	.12	1.37	353.4	1.01	24.92
9124	79	VOLV	264G	163	1	.03	.77	410.4	.23	21.54
9125	79	VOLV	244D	130	1	.07	.70	367.3	.03	24.06
9126	79	VOLV	242G	130	1	.02	.05	339.5	1.59	26.11
9127	79	MAZD	GLC	86	1	.19	1.13	221.6	1.48	39.60
9128	79	MAZD	GLC	86	1	.13	.35	227.5	2.08	38.85
9129	79	VOLV	244D	130	1	.02	.04	361.9	.86	24.49
9130	79	MAZD	626	120	1	.19	1.71	300.7	.53	29.17
9131	79	MAZD	GLC	86	1	.16	.58	223.7	1.77	39.39
9132	79	MAZD	GLC	86	1	.23	.84	221.1	1.58	39.77
9133	79	MAZD	GLC	86	1	.12	.40	222.7	1.94	39.65
9134	79	MAZD	626	120	1	.21	.54	247.1	.60	35.66
9135	79	MAZD	GLC	86	1	.43	2.67	219.5	1.85	39.40
9136	79	MAZD	GLC	86	1	.46	2.73	209.1	1.64	41.28
9137	79	MAZD	626	120	1	.06	.48	247.8	.65	35.65
9138	79	MAZD	626	120	1	.09	.26	246.7	.77	35.84
9139	79	MAZD	626	120	1	.08	.20	256.0	.84	34.57
9140	79	MAZD	GLC	86	1	.55	3.06	215.5	2.17	39.95
9141	79	MAZD	GLC	86	1	.24	.37	215.5	2.42	40.90
9142	79	MAZD	GLC	86	1	.15	.54	223.8	1.54	39.39
9143	79	MAZD	GLC	86	1	.18	.45	215.4	1.98	40.93
9144	79	MAZD	GLC	86	1	.13	.32	210.6	1.70	41.92
8145	78	VOLV	STAW	163	1	.04	.85	409.2	.74	21.60
9146	79	VOLV	264G	163	1	.03	.83	390.9	.23	22.61
9147	79	VOLV	264G	163	1	.21	1.76	400.2	.12	21.97
9148	79	VOLV	242D	130	1	.06	.69	333.3	.08	26.51
9149	79	VOLV	244D	130	1	.08	.65	353.6	.19	24.99
9150	79	MAZD	626	120	1	.08	.54	253.5	.68	34.87
9151	79	TOYO	SUPR	156	1	.05	.80	334.3	.11	26.41
9152	79	TOYO	SUPR	156	1	.01	.74	417.0	.14	21.22
9153	79	TOYO	SUPR	156	1	.02	.71	402.6	.13	21.96
9154	79	TOYO	SUPR	156	1	.01	.47	302.4	.10	29.25
9155	79	VOLV	244D	130	1	.13	1.85	339.6	.21	25.86
9156	79	TOYO	SUPR	156	1	.03	1.35	329.5	.05	26.73
9157	79	MAZD	626	120	1	.09	.77	250.4	.86	35.20
9158	79	MAZD	626	120	1	.05	.19	256.5	.79	34.53
9159	79	MAZD	GLC	86	1	.16	.37	228.9	1.94	38.56
9160	79	MAZD	626	120	1	.10	.53	261.0	1.04	33.85

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1. TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	HC	CO	CO2	NOXC	FUEL ECON
9161	79	MAZD	GLC	86	1	.19	.47	227.8	2.52	38.74
9162	79	MAZD	STAW	86	1	.24	.58	235.7	1.95	37.41
9163	79	MAZD	GLC	86	1	.48	3.38	223.1	2.40	38.57
9164	79	MAZD	STAW	86	1	.41	2.31	227.7	1.75	38.12
9165	79	MAZD	GLC	86	1	.23	.89	215.4	1.72	40.76
9166	79	MAZD	GLC	86	1	.35	2.95	221.8	1.42	38.97
8167	78	SAAB	99GL	121	1	.05	.37	313.2	1.97	28.24
9168	79	FORD	STAW	351	1	.07	.02	500.9	1.30	17.69
9169	79	MAZD	GLC	86	1	.17	.45	225.4	1.48	39.13
9170	79	MAZD	GLC	86	1	.12	.27	245.6	2.03	35.99
9171	79	MAZD	STAW	86	1	.07	.22	288.8	2.36	30.65
9172	79	MAZD	GLC	86	1	.58	2.78	227.8	2.25	37.90
9173	79	FORD	LTD	351	1	.08	.45	472.4	.71	18.73
9174	79	MAZD	STAW	86	1	.20	.71	240.1	2.90	36.67
0175	80	CHEV	CITA	151	1	.02	.81	276.3	.46	31.94
9176	79	MAZD	STAW	86	1	.27	1.10	251.1	2.73	34.99
9177	79	AUDI	5000	131	1	.08	2.78	406.8	.24	21.55
9178	79	FORD	STAW	351	1	.17	1.88	489.3	1.00	18.00
0179	80	CHEV	CITA	171	1	.01	.81	316.4	.49	27.91
0180	80	CHEV	CITA	171	1	.01	.77	349.3	.44	25.30
9181	79	MAZD	GLC	86	1	.14	1.86	275.0	2.13	31.86
0182	80	CHEV	CITA	151	1	.01	.21	267.6	1.50	33.09
9183	79	TOYO	SUPR	156	1	.01	.10	358.8	.13	24.70
9184	79	MAZD	GLC	86	1	.15	.54	244.6	2.53	36.07
0185	80	OLDS	OMEG	171	1	.01	.95	340.1	.65	25.96
0186	80	CHEV	CITA	171	1	.03	1.15	345.9	.44	25.50
0187	80	CHEV	CITA	151	1	2.94	133.15	187.7	.06	21.83
9188	79	MERC	STAW	351	1	.05	.34	536.1	1.24	16.52
0189	80	BUIC	SKYL	171	1	.05	2.23	346.0	.35	25.36
0190	80	CHEV	CITA	171	1	1.67	60.55	266.1	.06	24.19
0191	80	BUIC	SKYL	171	1	.02	.74	359.9	.36	24.55
0192	80	CHEV	CITA	171	1	.02	1.06	336.8	1.53	26.20
0193	80	CHEV	CITA	151	1	.02	.93	277.6	.37	31.77
0194	80	CHEV	CITA	171	1	.02	1.04	346.9	.35	25.44
0195	80	BUIC	SKYL	151	1	.02	1.35	291.8	.97	30.17
0196	80	CHEV	CITA	151	1	.03	.84	255.0	.55	34.59
0197	80	CHEV	CITA	171	1	1.26	51.20	268.5	.18	25.12
9198	79	AUDI	5000	131	1	.11	1.55	399.3	.19	22.06
0199	80	CHEV	CITA	171	1	.04	1.72	332.2	.75	26.47
0200	80	PONT	PHOE	171	1	.02	1.46	342.3	.49	25.73

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1. TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	HC	CO	CO2	NOXC	FUEL ECON
0201	80	BUIC	SKYL	151	1	.03	.99	296.4	1.17	29.76
0202	80	PONT	PHOE	151	1	.04	2.44	297.5	.35	29.41
0203	80	OLDS	OMEG	151	1	.02	.79	277.9	.80	31.76
0204	80	OLDS	OMEG	151	1	.03	.67	362.0	2.08	24.42
0205	80	CHEV	CITA	171	1	.06	2.22	346.8	.10	25.16
0206	80	CHEV	CITA	171	1	.03	2.20	339.5	.49	25.85
0207	80	CHEV	CITA	171	1	.02	1.15	320.6	.39	27.51
0208	80	CHEV	CITA	151	1	.03	.72	263.5	.25	33.50
9209	79	TOYO	SUPR	156	1	.01	.08	349.0	.31	25.40
0210	80	BUIC	SKYL	151	1	.02	.81	280.8	.61	31.43
9211	79	TOYO	SUPR	156	1	.12	.93	395.8	.20	22.30
9212	79	MAZD	626	120	1	.11	.55	254.6	.85	34.66
0213	80	OLDS	OMEG	151	1	.01	.56	300.9	.74	29.38
0214	80	CHEV	CITA	151	1	.02	.51	263.9	.42	33.50
9215	79	FORD	STAW	351	1	.04	.11	553.1	.67	16.02
9216	79	FORD	LTD	351	1	.05	.02	492.7	.47	17.99
9217	79	TOYO	SUPR	156	1	.01	.26	345.1	.44	25.67
0218	80	CHEV	CITA	171	1	.02	.76	341.8	.43	25.85
0219	80	CHEV	CITA	151	1	.02	.52	273.6	.54	32.29
0220	80	PONT	PHOE	171	1	.08	3.89	306.3	1.32	28.37
0221	80	PONT	PHOE	151	1	.02	.43	335.1	.23	26.41
9222	79	FORD	STAW	351	1	.11	.16	536.7	1.03	16.51
9223	79	AUDI	5000	131	1	.45	3.25	419.6	.40	20.81
9224	79	TOYO	SUPR	156	1	.13	1.28	346.1	.06	25.45
9225	79	FORD	LTD	351	1	.05	.05	466.4	2.60	19.00
9226	79	FORD	LTD	351	1	.05	.06	464.7	1.42	19.07
0227	80	PONT	PHOE	151	1	.02	.59	300.6	.80	29.41
9228	79	MERC	STAW	351	1	.08	.35	551.8	.67	16.05
0229	80	CHEV	CITA	151	1	.01	.46	267.5	.43	33.06
9230	79	TOYO	SUPR	156	1	.01	.14	423.0	.97	20.95
0231	80	CHEV	CITA	151	1	.01	.02	265.4	.49	33.41
0232	80	PONT	PHOE	151	1	.12	2.52	285.4	.44	30.61
0233	80	CHEV	CITA	151	1	.03	1.82	264.3	.51	33.18
9234	79	MERC	MARQ	351	1	.03	0.00	483.2	3.25	18.35
0235	80	CHEV	CITA	171	1	.01	.39	340.7	.49	25.98
9236	79	TOYO	SUPR	156	1	.01	.03	418.4	.93	21.19
0237	80	CHEV	CITA	171	1	.31	7.09	298.2	.63	28.46
0238	80	PONT	PHOE	151	1	.02	.68	287.8	.70	30.70
0239	80	CHEV	CITA	171	1	1.19	48.45	291.3	.14	23.89
9240	79	FORD	STAW	351	1	.05	0.00	545.0	5.11	16.27

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	HC	CO	CO2	NOXC	FUEL ECON
9241	79	VOLV	242G	130	1	.03	.23	352.3	.63	25.14
0242	80	PONT	PHOE	151	1	.02	.64	286.9	1.18	30.79
0243	80	CHEV	CITA	151	1	.03	.92	257.9	.54	34.18
0244	80	BUIC	SKYL	151	1	.01	.52	293.3	.50	30.14
9245	79	VOLV	244D	130	1	.06	.51	360.1	.27	24.56
0246	80	PONT	PHOE	151	1	.03	1.12	275.8	.69	31.94
9247	79	FORD	STAW	351	1	.08	.01	536.0	1.20	16.54
0248	80	CHEV	CITA	151	1	1.30	66.24	205.4	.20	28.28
9249	79	MAZD	626	120	1	.27	3.27	303.2	.96	28.68
9250	79	VOLV	242D	130	1	.08	2.29	346.4	.16	25.32
9251	79	FORD	LTD	351	1	.10	.01	444.6	1.11	19.93
0252	80	BUIC	SKYL	151	1	.01	.46	298.6	.17	29.63
9253	79	MERC	MARQ	351	1	.04	.01	498.8	1.72	17.77
9254	79	MAZD	626	120	1	.43	6.45	303.4	.69	28.16
9255	79	FORD	LTD	351	1	.06	.02	455.2	.97	19.47
9256	79	FORD	LTD	351	1	.11	.11	429.7	.73	20.61
9257	79	FORD	STAW	351	1	.06	.31	534.5	1.43	16.57
0258	80	CHEV	CITA	171	1	.02	.80	330.1	.60	26.76
9259	79	MAZD	626	120	1	.26	1.91	257.1	1.00	33.98
0260	80	CHEV	CITA	171	1	2.00	19.98	346.9	.02	23.05
9261	79	TOYO	SUPR	156	1	.01	.43	335.4	.14	26.39
9262	79	TOYO	SUPR	156	1	.02	.73	331.8	.14	26.63
9263	79	MAZD	GLC	86	1	.15	.33	222.5	2.05	39.67
9264	79	TOYO	SUPR	156	1	.02	.94	415.4	.08	21.27
9265	79	VOLV	STAW	130	1	.02	.18	339.6	1.36	22.18
9266	79	MAZD	STAW	86	1	.20	1.21	253.1	2.21	34.69
9267	79	MAZD	GLC	86	1	.11	.51	244.9	2.97	36.04
9268	79	MAZD	GLC	86	1	.27	1.11	228.8	2.05	38.32
9269	79	MAZD	GLC	86	1	.18	.65	245.4	1.77	35.91
9270	79	VOLV	244D	130	1	.03	.12	396.4	1.73	22.35
9271	79	FORD	LTD	351	1	.05	0.00	445.5	1.62	19.90
9272	79	MAZD	GLC	86	1	.20	.63	231.6	1.90	38.03
0273	80	BUIC	SKYL	151	1	.05	1.68	300.0	1.20	29.29
0274	80	PONT	PHOE	151	1	.02	1.17	294.4	.85	29.93
9275	79	SAAB	900T	121	1	.03	.71	375.4	2.45	23.55
9276	79	MAZD	STAW	86	1	.14	.64	266.7	2.50	33.07
9277	79	MAZD	GLC	86	1	.19	.73	221.4	2.30	39.75
0278	80	CHEV	CITA	151	1	.01	.31	278.2	.57	31.82
9279	79	FORD	STAW	351	1	.06	3.16	495.8	1.23	17.70
0280	80	CHEV	CITA	151	1	.01	.05	269.5	.33	32.89

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST EMISSIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	HC	CO	CO2	NOXC	FUEL ECON
9281	79	MAZD	STAW	86	1	.20	.76	229.4	2.03	38.35
9282	79	VOLK	STAW	120	1	.06	1.60	427.3	2.20	20.62
0283	80	CHEV	CITA	151	1	.01	.19	275.7	.67	32.15
0284	80	CHEV	CITA	151	1	.04	1.58	305.8	.26	28.75
0285	80	CHEV	CITA	151	1	.02	.38	276.8	.85	31.99
9286	79	FORD	STAW	351	1	.15	.09	545.4	1.24	16.26
9287	79	FORD	LTD	351	1	.07	.07	527.6	1.05	16.81
9288	79	FORD	LTD	351	1	.14	.03	462.4	5.06	19.17
9289	79	FORD	LTD	351	1	.12	.14	470.6	1.90	18.83
9290	79	FORD	LTD	351	1	.06	.01	436.0	2.85	20.35
0291	80	BUIC	SKYL	151	1	.02	.54	286.9	2.33	30.84
9292	79	MAZD	STAW	86	1	.33	2.21	247.8	2.08	35.14
9293	79	MAZD	626	120	1	.10	.47	275.9	1.16	32.05
9294	79	MAZD	GLC	86	1	.42	2.65	247.1	2.60	35.11
0295	80	CHEV	CITA	171	1	2.13	71.07	247.7	.59	24.15
9296	79	FORD	LTD	351	1	.05	.01	455.0	2.38	19.50
9297	79	FORD	STAW	351	1	.11	.05	541.6	1.65	16.37
9298	79	FORD	STAW	351	1	.06	.09	520.5	1.53	17.04
9299	79	MAZD	GLC	86	1	.25	.73	235.9	1.59	37.29
9300	79	FORD	LTD	351	1	.11	2.49	456.0	2.97	19.28
0301	80	BUIC	SKYL	151	1	.24	2.21	279.4	.25	31.27
9302	79	MERC	MARQ	351	1	.03	.12	524.6	1.22	16.90
9303	79	MAZD	STAW	86	1	.09	1.16	286.5	2.66	30.76
0304	80	CHEV	CITA	171	1	.03	3.67	334.6	.39	26.07
0305	80	CHEV	CITA	171	1	.03	4.56	334.7	.67	25.94
0306	80	PONT	PHOE	151	1	.03	1.91	305.9	.81	28.70
0307	80	CHEV	CITA	171	1	.03	2.90	323.6	.49	27.02
0308	80	CHEV	CITA	171	1	.02	2.05	358.1	.56	24.54
0309	80	CHEV	CITA	171	1	.03	3.33	332.1	.62	26.28
0310	80	BUIC	SKYL	151	1	.04	1.77	294.8	.64	29.79
9311	79	FORD	LTD	351	1	.09	.22	482.0	1.55	18.37
9312	79	FORD	LTD	351	1	.06	.04	504.6	.63	17.56
0313	80	CHEV	CITA	151	1	.02	.70	282.3	.13	31.28
0314	80	CHEV	CITA	151	1	.03	.65	299.4	.54	29.51
9315	79	FORD	LTD	351	1	.08	0.00	459.8	2.16	19.27
9316	79	FORD	LTD	351	1	.20	.04	469.9	1.58	18.85
9317	79	FORD	STAW	351	1	.02	.02	597.1	.92	14.85
0318	80	CHEV	CITA	171	1	.01	.43	350.4	.34	25.26
0319	80	CHEV	CITA	171	1	.08	5.62	325.3	.51	26.52
0320	80	CHEV	CITA	171	1	.03	2.99	318.8	1.39	27.41

APPENDIX D

LISTING OF HIGHWAY FUEL ECONOMY TEST EMISSIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	HC	CO	CO2	NOXC	FUEL ECON
0321	80	CHEV	CITA	171	1	.03	2.21	327.5	.47	26.78
0322	80	CHEV	CITA	171	1	.04	3.70	329.6	.45	26.43
0323	80	CHEV	CITA	171	1	.03	1.76	321.1	.58	27.37
0324	80	CHEV	CITA	171	1	.03	1.27	347.0	.40	25.40
0325	80	CHEV	CITA	171	1	.02	2.73	338.8	.37	25.84
0326	80	CHEV	CITA	171	1	.01	1.76	356.3	.44	24.70
0327	80	BUIC	SKYL	171	1	.02	.54	348.1	1.19	25.41
0328	80	OLDS	OMEG	171	1	.02	1.12	371.7	.26	23.75
9329	79	FORD	LTD	351	1	.08	.05	500.0	.66	17.73
9330	79	FORD	STAW	351	1	4.83	106.50	438.6	.39	14.27
9331	79	FORD	STAW	351	1	.13	.34	488.7	.88	18.11
9332	79	FORD	STAW	351	1	.23	.40	534.5	1.94	16.55
0333	80	CHEV	CITA	171	1	.05	2.84	319.8	.55	27.34
0334	80	CHEV	CITA	171	1	.03	1.83	324.1	.51	27.12
0335	80	CHEV	CITA	171	1	.05	3.70	322.9	.41	26.96
0336	80	BUIC	SKYL	151	1	.01	.81	276.9	.43	31.88
9337	79	VOLK	STAW	120	1	.03	2.26	393.9	.65	22.31
9338	79	FORD	LTD	351	1	.07	.03	457.7	1.23	19.36
9339	79	FORD	LTD	351	1	.04	.01	456.4	.65	19.42
9340	79	TOYO	SUPR	156	1	0.00	.13	416.5	.79	21.30
9341	79	FORD	LTD	351	1	.05	1.75	462.7	.98	19.05
9342	79	FORD	LTD	351	1	.11	.11	438.8	1.29	20.19
0343	80	CHEV	CITA	151	1	.01	.58	251.0	.51	35.20
9344	79	FORD	STAW	351	1	2.04	73.55	454.4	1.06	15.38
9345	79	MAZD	626	120	1	.07	.45	274.0	1.07	32.25
9346	79	FORD	LTD	351	1	.13	3.27	483.5	.50	18.13
0347	80	CHEV	CITA	171	1	.02	1.49	326.4	.62	26.97
9348	79	FORD	LTD	351	1	.03	.01	462.9	1.14	19.15
0349	80	CHEV	CITA	151	1	.02	.56	258.2	.63	34.23
0350	80	CHEV	CITA	171	1	.02	.53	333.8	.59	26.50

APPENDIX E

LISTING OF TWO-SPEED IDLE TEST RESULTS ON INDIVIDUAL VEHICLES

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APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
8001	78	VOLV	262C	163	1	2500 RPM	1.	0.00	203.
						IDLE (N)	5.	0.00	32.
8002	78	VOLV	264G	163	1	2500 RPM	6.	.01	53.
						IDLE (N)	7.	0.00	20.
9003	79	CADI	SEVI	350	1	2500 RPM	6.	.01	67.
						IDLE (N)	3.	.01	34.
8004	78	VOLV	264G	163	1	2500 RPM	23.	.50	5.
						IDLE (N)	94.	1.84	18.
8005	78	VOLV	264G	163	1	2500 RPM	50.	.79	6.
						IDLE (N)	215.	1.32	7.
8006	78	FORD	PINT	140	1	2500 RPM	4.	0.00	114.
						IDLE (N)	31.	0.00	21.
9007	79	FORD	PINT	140	1	2500 RPM	8.	0.00	82.
						IDLE (N)	19.	0.00	39.
9008	79	TOYO	SUPR	156	1	2500 RPM	1.	.01	61.
						IDLE (N)	3.	.04	1.
9009	79	FORD	PINT	140	1	2500 RPM	5.	0.00	75.
						IDLE (N)	19.	0.00	22.
9010	79	FORD	PINT	140	1	2500 RPM	3.	0.00	11.
						IDLE (N)	10.	.01	27.
8011	78	FORD	PINT	140	1	2500 RPM	6.	0.00	31.
						IDLE (N)	2.	0.00	31.
8012	78	FORD	PINT	140	1	2500 RPM	1.	0.00	15.
						IDLE (N)	0.	0.00	28.
8013	78	VOLV	264G	163	1	2500 RPM	8.	.15	5.
						IDLE (N)	8.	.10	2.

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APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VCH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9014	79	VOLV	244D	130	1	2500 RPM	1.	0.00	36.
						IDLE (N)	1.	0.00	0.
8015	78	FORD	STAW	140	1	2500 RPM	16.	.09	92.
						IDLE (N)	117.	1.45	14.
8016	78	FORD	PINT	140	1	2500 RPM	20.	.03	87.
						IDLE (N)	16.	0.00	33.
8017	78	FORD	PINT	140	1	2500 RPM	6.	0.00	74.
						IDLE (N)	38.	0.00	20.
8018	78	FORD	PINT	140	1	2500 RPM	13.	.21	116.
						IDLE (N)	63.	.43	25.
8019	78	FORD	PINT	140	1	2500 RPM	2.	0.00	49.
						IDLE (N)	199.	.19	3.
8020	78	FORD	PINT	140	1	2500 RPM	2.	0.00	28.
						IDLE (N)	53.	.04	29.
8021	78	FORD	STAW	140	1	2500 RPM	6.	0.00	76.
						IDLE (N)	108.	1.73	16.
8022	78	FORD	PINT	140	1	2500 RPM	11.	.08	27.
						IDLE (N)	182.	1.53	11.
8023	78	FORD	PINT	140	1	2500 RPM	7.	0.00	53.
						IDLE (N)	34.	.11	21.
8024	78	FORD	PINT	140	1	2500 RPM	6.	0.00	76.
						IDLE (N)	49.	.02	24.
8025	78	FORD	PINT	140	1	2500 RPM	36.	.51	80.
						IDLE (N)	352.	6.44	19.
8026	78	FORD	STAW	140	1	2500 RPM	6.	0.00	139.
						IDLE (N)	28.	0.00	20.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1. TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9027	79	VOLV	244D	130	1	2500 RPM	69.	1.99	6.
						IDLE (N)	88.	2.52	5.
8028	78	FORD	PINT	140	1	2500 RPM	1.	0.00	54.
						IDLE (N)	0.	0.00	25.
8029	78	FORD	PINT	140	1	2500 RPM	12.	.05	95.
						IDLE (N)	57.	.24	18.
9030	79	MAZD	GLC	86	1	2500 RPM	51.	.17	97.
						IDLE (N)	28.	0.00	37.
8031	78	FORD	PINT	140	1	2500 RPM	4.	0.00	52.
						IDLE (N)	32.	.02	33.
8032	78	FORD	PINT	140	1	2500 RPM	7.	0.00	30.
						IDLE (N)	1.	0.00	12.
8033	78	VOLV	264G	163	1	2500 RPM	1.	.02	3.
						IDLE (N)	0.	0.00	17.
9034	79	MERC	MARQ	351	1	2500 RPM	0.	0.00	96.
						IDLE (N)	0.	0.00	20.
8035	78	FORD	STAW	140	1	2500 RPM	7.	0.00	33.
						IDLE (N)	18.	0.00	28.
9036	79	MAZD	GLC	86	1	2500 RPM	97.	1.47	58.
						IDLE (N)	149.	1.10	34.
9037	79	MERC	MARQ	351	1	2500 RPM	3.	0.00	132.
						IDLE (N)	12.	0.00	22.
9038	79	MAZD	GLC	86	1	2500 RPM	22.	.01	71.
						IDLE (N)	16.	0.00	43.
8039	78	FORD	PINT	140	1	2500 RPM	13.	.11	71.
						IDLE (N)	498.	3.73	16.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9040	79	TOYO	SUPR	156	1	2500 RPM	18.	.09	1.
						IDLE (N)	32.	.02	0.
9041	79	MERC	MARQ	351	1	2500 RPM	1.	0.00	64.
						IDLE (N)	1.	0.00	19.
0042	80	CHEV	CITA	171	1	2500 RPM	0.	.01	2.
						IDLE (N)	0.	0.00	18.
8043	78	SAAB	99L	121	1	2500 RPM	15.	.01	54.
						IDLE (N)	19.	.07	4.
0044	80	CHEV	CITA	151	1	2500 RPM	3.	.02	95.
						IDLE (N)	0.	.01	28.
8045	78	FORD	PINT	140	1	2500 RPM	8.	0.00	27.
						IDLE (N)	24.	.01	34.
9046	79	CHEV	MONZ	151	1	2500 RPM	12.	.02	17.
						IDLE (N)	78.	.77	2.
9047	79	MAZD	GLC	86	1	2500 RPM	89.	1.20	113.
						IDLE (N)	191.	1.06	24.
8048	78	FORD	PINT	140	1	2500 RPM	8.	.13	17.
						IDLE (N)	69.	.86	13.
9049	79	MAZD	GLC	86	1	2500 RPM	30.	.06	56.
						IDLE (N)	22.	0.00	30.
9050	79	MAZD	STAW	86	1	2500 RPM	6.	.04	185.
						IDLE (N)	6.	0.00	58.
9051	79	CHEV	MONZ	151	1	2500 RPM	5.	.03	52.
						IDLE (N)	8.	.02	8.
9052	79	PONT	SUNB	151	1	2500 RPM	5.	.01	37.
						IDLE (N)	3.	.02	70.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9053	79	CHEV	MONZ	151	1	2500 RPM	13.	.02	69.
						IDLE (N)	192.	2.16	6.
8054	78	PONT	SUNB	151	1	2500 RPM	207.	5.00	84.
						IDLE (N)	336.	8.34	43.
8055	78	PONT	SUNB	151	1	2500 RPM	2.	.03	29.
						IDLE (N)	19.	.07	0.
9056	79	MAZD	GLC	86	1	2500 RPM	73.	.27	90.
						IDLE (N)	57.	.01	29.
9057	79	MERC	MARQ	351	1	2500 RPM	35.	1.18	16.
						IDLE (N)	2.	.01	52.
8058	78	PONT	SUNB	151	1	2500 RPM	20.	.06	8.
						IDLE (N)	37.	.23	0.
8059	78	CHEV	MONZ	151	1	2500 RPM	23.	.19	5.
						IDLE (N)	207.	1.31	4.
9060	79	CHEV	MONZ	151	1	2500 RPM	0.	0.00	91.
						IDLE (N)	0.	.02	23.
9061	79	PONT	SUNB	151	1	2500 RPM	7.	.01	73.
						IDLE (N)	8.	.01	5.
8062	78	CHEV	MONZ	151	1	2500 RPM	30.	.23	68.
						IDLE (N)	207.	4.59	13.
8063	78	CHEV	MONZ	151	1	2500 RPM	7.	.08	20.
						IDLE (N)	50.	.09	0.
9064	79	MAZD	STAW	86	1	2500 RPM	15.	.01	67.
						IDLE (N)	10.	.01	34.
8065	78	FORD	PINT	140	1	2500 RPM	10.	.06	86.
						IDLE (N)	38.	0.00	27.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1. TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC.PPMHEX	CO.PCT	NO.PPM
9066	79	CHEV	MONZ	151	1	2500 RPM	6.	.03	41.
						IDLE (N)	6.	.01	0.
9067	79	PONT	SUNB	151	1	2500 RPM	2.	.01	30.
						IDLE (N)	1.	.01	0.
9068	79	CHEV	MONZ	151	1	2500 RPM	19.	.01	85.
						IDLE (N)	12.	.02	16.
9069	79	VOLV	264G	163	1	2500 RPM	5.	.04	21.
						IDLE (N)	4.	.01	8.
9070	79	PONT	SUNB	151	1	2500 RPM	4.	.02	19.
						IDLE (N)	34.	.16	0.
8071	78	CHEV	MONZ	151	1	2500 RPM	146.	3.32	141.
						IDLE (N)	384.	7.32	23.
8072	78	PONT	SUNB	151	1	2500 RPM	32.	.31	3.
						IDLE (N)	117.	.49	0.
9073	79	CHEV	MONZ	151	1	2500 RPM	11.	.02	58.
						IDLE (N)	166.	2.20	5.
9074	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	85.
						IDLE (N)	0.	.01	2.
9075	79	FORD	LTD	351	1	2500 RPM	0.	.01	490.
						IDLE (N)	0.	0.00	60.
8076	78	FORD	PINT	140	1	2500 RPM	6.	.02	21.
						IDLE (N)	79.	.22	18.
9077	79	CHEV	MONZ	151	1	2500 RPM	76.	1.13	18.
						IDLE (N)	173.	5.25	15.
8078	78	CHEV	MONZ	151	1	2500 RPM	2.	.04	58.
						IDLE (N)	0.	.01	19.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9079	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	45.
						IDLE (N)	0.	.01	1.
8080	78	PONT	SUNB	151	1	2500 RPM	15.	.07	39.
						IDLE (N)	11.	.08	22.
9081	79	MAZD	626	120	1	2500 RPM	31.	.01	64.
						IDLE (N)	19.	0.00	62.
8082	78	CHEV	STAW	151	1	2500 RPM	14.	.18	38.
						IDLE (N)	6.	0.00	33.
9083	79	TOYO	SUPR	156	1	2500 RPM	3.	0.00	29.
						IDLE (N)	3.	0.00	22.
9084	79	MAZD	626	120	1	2500 RPM	225.	.40	230.
						IDLE (N)	19.	.09	58.
9085	79	VOLV	242D	130	1	2500 RPM	1.	.01	73.
						IDLE (N)	0.	.02	2.
9086	79	MAZD	GLC	86	1	2500 RPM	49.	.67	67.
						IDLE (N)	71.	.61	38.
9087	79	MAZD	626	120	1	2500 RPM	24.	.02	43.
						IDLE (N)	10.	0.00	37.
9088	79	MAZD	626	120	1	2500 RPM	12.	.04	36.
						IDLE (N)	11.	0.00	47.
9089	79	MAZD	626	120	1	2500 RPM	26.	.01	54.
						IDLE (N)	13.	0.00	39.
9090	79	MAZD	626	120	1	2500 RPM	12.	.08	53.
						IDLE (N)	11.	.01	71.
9091	79	MAZD	626	120	1	2500 RPM	13.	.01	48.
						IDLE (N)	11.	.01	56.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9092	79	MAZD	GLC	86	1	2500 RPM	26.	.01	69.
						IDLE (N)	15.	0.00	46.
9093	79	MAZD	GLC	86	1	2500 RPM	5.	.02	470.
						IDLE (N)	4.	.01	94.
9094	79	MAZD	626	120	1	2500 RPM	12.	0.00	70.
						IDLE (N)	7.	0.00	42.
9095	79	MAZD	GLC	86	1	2500 RPM	25.	.01	90.
						IDLE (N)	16.	0.00	38.
9096	79	MERC	STAW	351	1	2500 RPM	0.	0.00	71.
						IDLE (N)	16.	.04	5.
9097	79	FORD	LTD	351	1	2500 RPM	1.	0.00	168.
						IDLE (N)	2.	0.00	54.
9098	79	MAZD	626	120	1	2500 RPM	15.	.01	35.
						IDLE (N)	11.	0.00	35.
9099	79	MERC	MARQ	351	1	2500 RPM	0.	0.00	156.
						IDLE (N)	0.	.01	46.
9100	79	FORD	LTD	351	1	2500 RPM	33.	2.14	78.
						IDLE (N)	234.	.89	9.
9101	79	MERC	MARQ	351	1	2500 RPM	0.	0.00	113.
						IDLE (N)	0.	0.00	22.
9102	79	MERC	MARQ	351	1	2500 RPM	0.	0.00	101.
						IDLE (N)	0.	0.00	41.
9103	79	MERC	MARQ	351	1	2500 RPM	0.	0.00	98.
						IDLE (N)	0.	0.00	45.
9104	79	VOLV	264G	163	1	2500 RPM	4.	.20	3.
						IDLE (N)	18.	.14	0.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9105	79	VOLV	264G	163	1	2500 RPM	1.	.01	48.
						IDLE (N)	0.	.01	11.
9106	79	MERC	MARQ	351	1	2500 RPM	1.	.01	79.
						IDLE (N)	1.	0.00	32.
9107	79	FORD	LTD	351	1	2500 RPM	0.	.01	185.
						IDLE (N)	0.	0.00	17.
9108	79	MERC	MARQ	351	1	2500 RPM	2.	0.00	70.
						IDLE (N)	0.	0.00	22.
8109	78	VOLV	264G	163	1	2500 RPM	6.	.13	7.
						IDLE (N)	75.	.08	1.
9110	79	FORD	STAW	351	1	2500 RPM	2.	0.00	70.
						IDLE (N)	0.	0.00	19.
9111	79	VOLV	242D	130	1	2500 RPM	5.	.01	48.
						IDLE (N)	6.	.01	18.
9112	79	FORD	LTD	351	1	2500 RPM	5.	.01	94.
						IDLE (N)	5.	.01	27.
9113	79	VOLK	CAMP	120	1	2500 RPM	115.	8.15	72.
						IDLE (N)	161.	7.92	43.
9114	79	VOLV	242D	130	1	2500 RPM	0.	.02	0.
						IDLE (N)	16.	.08	0.
9115	79	VOLK	STAW	120	1	2500 RPM	4.	.01	89.
						IDLE (N)	5.	0.00	57.
9116	79	VOLK	CAMP	120	1	2500 RPM	1.	.01	40.
						IDLE (N)	1.	.01	45.
9117	79	FORD	LTD	351	1	2500 RPM	3.	.01	177.
						IDLE (N)	3.	0.00	61.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9118	79	VOLV	242D	130	1	2500 RPM	1.	.01	0.
						IDLE (N)	1.	.01	0.
9119	79	MERC	MARQ	351	1	2500 RPM	0.	0.00	84.
						IDLE (N)	1.	0.00	47.
9120	79	VOLV	244D	130	1	2500 RPM	1.	0.00	0.
						IDLE (N)	0.	0.00	0.
8121	78	VOLV	242G	130	1	2500 RPM	0.	0.00	27.
						IDLE (N)	3.	.02	2.
9122	79	VOLV	264G	163	1	2500 RPM	3.	.01	35.
						IDLE (N)	2.	.01	11.
9123	79	VOLV	244D	130	1	2500 RPM	10.	.13	30.
						IDLE (N)	16.	.09	4.
9124	79	VOLV	264G	163	1	2500 RPM	0.	.01	7.
						IDLE (N)	1.	0.00	18.
9125	79	VOLV	244D	130	1	2500 RPM	7.	.02	90.
						IDLE (N)	5.	.01	4.
9126	79	VOLV	242G	130	1	2500 RPM	3.	.01	52.
						IDLE (N)	1.	.01	11.
9127	79	MAZD	GLC	86	1	2500 RPM	105.	1.96	77.
						IDLE (N)	346.	1.12	13.
9128	79	MAZD	GLC	86	1	2500 RPM	66.	.77	90.
						IDLE (N)	65.	.39	42.
9129	79	VOLV	244D	130	1	2500 RPM	1.	.01	75.
						IDLE (N)	1.	.01	36.
9130	79	MAZD	626	120	1	2500 RPM	60.	.32	75.
						IDLE (N)	34.	.04	66.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1. TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC.PPMHEX	CO.PCT	NO.PPM
9131	79	MAZD	GLC	86	1	2500 RPM	28.	.02	98.
						IDLE (N)	15.	0.00	48.
9132	79	MAZD	GLC	86	1	2500 RPM	53.	.24	82.
						IDLE (N)	26.	0.00	46.
9133	79	MAZD	GLC	86	1	2500 RPM	16.	.01	73.
						IDLE (N)	3.	.01	43.
9134	79	MAZD	626	120	1	2500 RPM	130.	1.21	60.
						IDLE (N)	99.	.44	42.
9135	79	MAZD	GLC	86	1	2500 RPM	131.	1.93	72.
						IDLE (N)	173.	1.30	28.
9136	79	MAZD	GLC	86	1	2500 RPM	111.	2.51	78.
						IDLE (N)	280.	2.77	38.
9137	79	MAZD	626	120	1	2500 RPM	28.	.03	45.
						IDLE (N)	15.	.01	30.
9138	79	MAZD	626	120	1	2500 RPM	29.	.02	48.
						IDLE (N)	18.	0.00	30.
9139	79	MAZD	626	120	1	2500 RPM	25.	.03	52.
						IDLE (N)	13.	0.00	34.
9140	79	MAZD	GLC	86	1	2500 RPM	135.	1.66	67.
						IDLE (N)	162.	.60	23.
9141	79	MAZD	GLC	86	1	2500 RPM	57.	.26	89.
						IDLE (N)	38.	.01	37.
9142	79	MAZD	GLC	86	1	2500 RPM	31.	.02	71.
						IDLE (N)	29.	0.00	30.
9143	79	MAZD	GLC	86	1	2500 RPM	44.	.11	68.
						IDLE (N)	30.	0.00	35.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9144	79	MAZD	GLC	86	1	2500 RPM	25.	0.00	82.
						IDLE (N)	22.	0.00	42.
8145	78	VOLV	STAW	163	1	2500 RPM	1.	.06	209.
						IDLE (N)	0.	.04	32.
9146	79	VOLV	264G	163	1	2500 RPM	0.	.01	2.
						IDLE (N)	0.	0.00	24.
9147	79	VOLV	264G	163	1	2500 RPM	2.	.03	0.
						IDLE (N)	2.	.01	7.
9148	79	VOLV	242D	130	1	2500 RPM	0.	0.00	41.
						IDLE (N)	0.	0.00	10.
9149	79	VOLV	244D	130	1	2500 RPM	4.	.02	88.
						IDLE (N)	8.	.01	33.
9150	79	MAZD	626	120	1	2500 RPM	39.	.06	43.
						IDLE (N)	20.	.01	33.
9151	79	TOYO	SUPR	156	1	2500 RPM	2.	0.00	52.
						IDLE (N)	314.	.19	1.
9152	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	0.
						IDLE (N)	0.	.06	0.
9153	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	0.
						IDLE (N)	0.	.01	1.
9154	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	3.
						IDLE (N)	0.	0.00	20.
9155	79	VOLV	244D	130	1	2500 RPM	0.	.01	0.
						IDLE (N)	6.	.01	23.
9156	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	79.
						IDLE (N)	0.	.01	0.

APPENDIX E

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ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9157	79	MAZD	626	120	1	2500 RPM	41.	.07	52.
						IDLE (N)	18.	.01	45.
9158	79	MAZD	626	120	1	2500 RPM	27.	.02	42.
						IDLE (N)	17.	0.00	30.
9159	79	MAZD	GLC	86	1	2500 RPM	20.	.01	112.
						IDLE (N)	10.	.01	41.
9160	79	MAZD	626	120	1	2500 RPM	35.	.05	53.
						IDLE (N)	15.	.01	40.
9161	79	MAZD	GLC	86	1	2500 RPM	13.	.01	26.
						IDLE (N)	1.	0.00	5.
9162	79	MAZD	STAW	86	1	2500 RPM	37.	.05	62.
						IDLE (N)	32.	.01	33.
9163	79	MAZD	GLC	86	1	2500 RPM	133.	1.90	83.
						IDLE (N)	323.	2.49	23.
9164	79	MAZD	STAW	86	1	2500 RPM	118.	2.24	69.
						IDLE (N)	179.	2.54	31.
9165	79	MAZD	GLC	86	1	2500 RPM	67.	.34	67.
						IDLE (N)	39.	.10	39.
9166	79	MAZD	GLC	86	1	2500 RPM	45.	.38	83.
						IDLE (N)	33.	.03	36.
8167	78	SAAB	99GL	121	1	2500 RPM	1.	.01	67.
						IDLE (N)	0.	.01	13.
9168	79	FORD	STAW	351	1	2500 RPM	0.	0.00	51.
						IDLE (N)	0.	0.00	16.
9169	79	MAZD	GLC	86	1	2500 RPM	28.	.04	64.
						IDLE (N)	22.	.01	33.

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ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9170	79	MAZD	GLC	86	1	2500 RPM	6.	.01	77.
						IDLE (N)	1.	0.00	41.
9171	79	MAZD	STAW	86	1	2500 RPM	11.	.02	82.
						IDLE (N)	7.	0.00	55.
9172	79	MAZD	GLC	86	1	2500 RPM	144.	2.70	79.
						IDLE (N)	312.	3.73	40.
9173	79	FORD	LTD	351	1	2500 RPM	1.	0.00	46.
						IDLE (N)	0.	0.00	18.
9174	79	MAZD	STAW	86	1	2500 RPM	34.	.05	71.
						IDLE (N)	19.	.01	34.
0175	80	CHEV	CITA	151	1	2500 RPM	2.	.06	147.
						IDLE (N)	0.	.01	27.
9176	79	MAZD	STAW	86	1	2500 RPM	27.	.09	81.
						IDLE (N)	14.	0.00	34.
9177	79	AUDI	5000	131	1	2500 RPM	9.	.02	33.
						IDLE (N)	56.	.88	2.
9178	79	FORD	STAW	351	1	2500 RPM	4.	.01	104.
						IDLE (N)	5.	.07	23.
0179	80	CHEV	CITA	171	1	2500 RPM	1.	.06	9.
						IDLE (N)	0.	.01	37.
0180	80	CHEV	CITA	171	1	2500 RPM	94.	.19	1.
						IDLE (N)	0.	.01	42.
9181	79	MAZD	GLC	86	1	2500 RPM	5.	.05	138.
						IDLE (N)	8.	0.00	61.
0182	80	CHEV	CITA	151	1	2500 RPM	1.	.01	48.
						IDLE (N)	1.	.01	27.

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LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9183	79	TOYO	SUPR	156	1	2500 RPM	1.	.01	91.
						IDLE (N)	1.	.01	53.
9184	79	MAZD	GLC	86	1	2500 RPM	22.	.01	108.
						IDLE (N)	11.	0.00	58.
0185	80	OLDS	OMEG	171	1	2500 RPM	0.	.01	37.
						IDLE (N)	0.	.01	38.
0186	80	CHEV	CITA	171	1	2500 RPM	0.	.01	5.
						IDLE (N)	0.	.01	33.
0187	80	CHEV	CITA	151	1	2500 RPM	227.	7.24	32.
						IDLE (N)	159.	5.42	14.
9188	79	MERC	STAW	351	1	2500 RPM	1.	0.00	93.
						IDLE (N)	0.	0.00	11.
0189	80	BUIC	SKYL	171	1	2500 RPM	9.	.16	0.
						IDLE (N)	0.	.01	3.
0190	80	CHEV	CITA	171	1	2500 RPM	7.	.05	42.
						IDLE (N)	0.	0.00	54.
0191	80	BUIC	SKYL	171	1	2500 RPM	1.	.01	28.
						IDLE (N)	0.	0.00	25.
0192	80	CHEV	CITA	171	1	2500 RPM	0.	.03	2482.
						IDLE (N)	0.	.04	17.
0193	80	CHEV	CITA	151	1	2500 RPM	1.	.01	7.
						IDLE (N)	0.	.01	26.
0194	80	CHEV	CITA	171	1	2500 RPM	1.	.03	4.
						IDLE (N)	0.	.01	46.
0195	80	BUIC	SKYL	151	1	2500 RPM	1.	.03	101.
						IDLE (N)	0.	.01	28.

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LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
0196	80	CHEV	CITA	151	1	2500 RPM	1.	.03	85.
						IDLE (N)	1.	.01	21.
0197	80	CHEV	CITA	171	1	2500 RPM	20.	.13	1.
						IDLE (N)	2.	.02	12.
9198	79	AUDI	5000	131	1	2500 RPM	1.	.01	42.
						IDLE (N)	10.	.05	1.
0199	80	CHEV	CITA	171	1	2500 RPM	3.	.01	49.
						IDLE (N)	0.	.01	39.
0200	80	PONT	PHOE	171	1	2500 RPM	0.	.08	4.
						IDLE (N)	0.	0.00	22.
0201	80	BUIC	SKYL	151	1	2500 RPM	0.	.01	155.
						IDLE (N)	0.	.01	28.
0202	80	PONT	PHOE	151	1	2500 RPM	2.	.01	81.
						IDLE (N)	0.	.01	29.
0203	80	OLDS	OMEG	151	1	2500 RPM	1.	.05	100.
						IDLE (N)	0.	.01	43.
0204	80	OLDS	OMEG	151	1	2500 RPM	2.	.01	122.
						IDLE (N)	1.	.01	45.
0205	80	CHEV	CITA	171	1	2500 RPM	0.	.02	0.
						IDLE (N)	0.	.01	0.
0206	80	CHEV	CITA	171	1	2500 RPM	0.	.03	16.
						IDLE (N)	0.	.01	46.
0207	80	CHEV	CITA	171	1	2500 RPM	9.	.09	14.
						IDLE (N)	0.	.01	29.
0208	80	CHEV	CITA	151	1	2500 RPM	0.	.04	77.
						IDLE (N)	0.	.01	21.

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LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9209	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	66.
						IDLE (N)	0.	.02	2.
0210	80	BUIC	SKYL	151	1	2500 RPM	1.	.01	104.
						IDLE (N)	0.	.01	25.
9211	79	TOYO	SUPR	156	1	2500 RPM	57.	.82	162.
						IDLE (N)	207.	3.25	8.
9212	79	MAZD	626	120	1	2500 RPM	39.	.05	42.
						IDLE (N)	15.	0.00	32.
0213	80	OLDS	OMEG	151	1	2500 RPM	0.	.01	124.
						IDLE (N)	0.	.01	27.
0214	80	CHEV	CITA	151	1	2500 RPM	12.	.03	4.
						IDLE (N)	0.	.01	41.
9215	79	FORD	STAW	351	1	2500 RPM	3.	0.00	84.
						IDLE (N)	0.	.01	134.
9216	79	FORD	LTD	351	1	2500 RPM	0.	0.00	121.
						IDLE (N)	0.	0.00	27.
9217	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	76.
						IDLE (N)	104.	.09	1.
0218	80	CHEV	CITA	171	1	2500 RPM	0.	.01	22.
						IDLE (N)	0.	.01	21.
0219	80	CHEV	CITA	151	1	2500 RPM	1.	.03	87.
						IDLE (N)	0.	.01	27.
0220	80	PONT	PHOE	171	1	2500 RPM	2.	.02	179.
						IDLE (N)	96.	3.05	4.
0221	80	PONT	PHOE	151	1	2500 RPM	2.	.01	25.
						IDLE (N)	0.	.01	8.

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LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9222	79	FORD	STAW	351	1	2500 RPM	0.	0.00	102.
						IDLE (N)	1.	.01	28.
9223	79	AUDI	5000	131	1	2500 RPM	49.	.21	0.
						IDLE (N)	70.	.06	1.
9224	79	TOYO	SUPR	156	1	2500 RPM	3.	.08	3.
						IDLE (N)	82.	.05	0.
9225	79	FORD	LTD	351	1	2500 RPM	2.	.01	113.
						IDLE (N)	0.	0.00	16.
9226	79	FORD	LTD	351	1	2500 RPM	0.	.01	137.
						IDLE (N)	1.	.01	99.
0227	80	PONT	PHOE	151	1	2500 RPM	0.	.01	146.
						IDLE (N)	0.	.01	32.
9228	79	MERC	STAW	351	1	2500 RPM	5.	.03	93.
						IDLE (N)	141.	.79	3.
0229	80	CHEV	CITA	151	1	2500 RPM	0.	.01	133.
						IDLE (N)	0.	.01	39.
9230	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	77.
						IDLE (N)	0.	.01	0.
0231	80	CHEV	CITA	151	1	2500 RPM	0.	.02	91.
						IDLE (N)	0.	.01	28.
0232	80	PONT	PHOE	151	1	2500 RPM	4.	.02	1.
						IDLE (N)	0.	.01	28.
0233	80	CHEV	CITA	151	1	2500 RPM	1.	.01	70.
						IDLE (N)	0.	.01	34.
9234	79	MERC	MARQ	351	1	2500 RPM	0.	.01	175.
						IDLE (N)	0.	0.00	78.

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LISTING OF TWO SPEED IDLE EMISSIONS
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LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
0235	80	CHEV	CITA	171	1	2500 RPM	0.	.01	26.
						IDLE (N)	0.	.01	25.
9236	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	122.
						IDLE (N)	0.	.01	19.
0237	80	CHEV	CITA	171	1	2500 RPM	302.	1.86	12.
						IDLE (N)	99.	.61	2.
0238	80	PONT	PHOE	151	1	2500 RPM	0.	.02	81.
						IDLE (N)	0.	.01	25.
0239	80	CHEV	CITA	171	1	2500 RPM	3.	.01	131.
						IDLE (N)	1.	.01	34.
9240	79	FORD	STAW	351	1	2500 RPM	2.	0.00	188.
						IDLE (N)	1.	.01	64.
9241	79	VOLV	242G	130	1	2500 RPM	0.	0.00	61.
						IDLE (N)	2.	0.00	16.
0242	80	PONT	PHOE	151	1	2500 RPM	3.	.03	156.
						IDLE (N)	1.	.01	24.
0243	80	CHEV	CITA	151	1	2500 RPM	0.	.02	138.
						IDLE (N)	0.	.01	27.
0244	80	BUIC	SKYL	151	1	2500 RPM	0.	.03	110.
						IDLE (N)	0.	.01	33.
9245	79	VOLV	244D	130	1	2500 RPM	6.	.10	1.
						IDLE (N)	19.	.09	1.
0246	80	PONT	PHOE	151	1	2500 RPM	2.	.02	130.
						IDLE (N)	0.	.01	16.
9247	79	FORD	STAW	351	1	2500 RPM	5.	.01	158.
						IDLE (N)	5.	.01	32.

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LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9261	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	8.
						IDLE (N)	0.	.01	0.
9262	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	63.
						IDLE (N)	0.	.01	0.
9263	79	MAZD	GLC	86	1	2500 RPM	24.	.01	96.
						IDLE (N)	11.	0.00	42.
9264	79	TOYO	SUPR	156	1	2500 RPM	0.	.01	0.
						IDLE (N)	0.	.01	0.
9265	79	VOLV	STAW	130	1	2500 RPM	2.	.01	49.
						IDLE (N)	1.	.01	8.
9266	79	MAZD	STAW	86	1	2500 RPM	50.	.67	66.
						IDLE (N)	49.	.13	30.
9267	79	MAZD	GLC	86	1	2500 RPM	18.	0.00	98.
						IDLE (N)	10.	0.00	44.
9268	79	MAZD	GLC	86	1	2500 RPM	42.	.12	93.
						IDLE (N)	27.	.01	31.
9269	79	MAZD	GLC	86	1	2500 RPM	27.	.03	81.
						IDLE (N)	203.	.26	15.
9270	79	VOLV	244D	130	1	2500 RPM	2.	.01	60.
						IDLE (N)	2.	.01	16.
9271	79	FORD	LTD	351	1	2500 RPM	0.	.01	192.
						IDLE (N)	0.	.01	55.
9272	79	MAZD	GLC	86	1	2500 RPM	25.	.02	84.
						IDLE (N)	10.	0.00	40.
0273	80	BUIC	SKYL	151	1	2500 RPM	4.	.08	58.
						IDLE (N)	0.	.01	19.

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LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
0274	80	PONT	PHOE	151	1	2500 RPM	0.	.02	100.
						IDLE (N)	0.	.01	37.
9275	79	SAAB	900T	121	1	2500 RPM	2.	.02	45.
						IDLE (N)	1.	.01	26.
9276	79	MAZD	STAW	86	1	2500 RPM	76.	1.80	55.
						IDLE (N)	21.	.09	27.
9277	79	MAZD	GLC	86	1	2500 RPM	37.	.39	86.
						IDLE (N)	31.	.03	40.
0278	80	CHEV	CITA	151	1	2500 RPM	5.	.01	48.
						IDLE (N)	0.	0.00	54.
9279	79	FORD	STAW	351	1	2500 RPM	14.	.01	227.
						IDLE (N)	15.	.01	87.
0280	80	CHEV	CITA	151	1	2500 RPM	2.	.11	108.
						IDLE (N)	0.	.01	21.
9281	79	MAZD	STAW	86	1	2500 RPM	82.	1.78	69.
						IDLE (N)	32.	.26	40.
9282	79	VOLK	STAW	120	1	2500 RPM	0.	.02	27.
						IDLE (N)	0.	.01	38.
0283	80	CHEV	CITA	151	1	2500 RPM	0.	.01	84.
						IDLE (N)	1.	.01	37.
0284	80	CHEV	CITA	151	1	2500 RPM	0.	.01	62.
						IDLE (N)	0.	.01	18.
0285	80	CHEV	CITA	151	1	2500 RPM	2.	.01	159.
						IDLE (N)	0.	.01	44.
9286	79	FORD	STAW	351	1	2500 RPM	2.	0.00	95.
						IDLE (N)	2.	.01	16.

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VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9287	79	FORD	LTD	351	1	2500 RPM	5.	.01	73.
						IDLE (N)	5.	.01	83.
9288	79	FORD	LTD	351	1	2500 RPM	7.	.01	158.
						IDLE (N)	4.	.04	48.
9289	79	FORD	LTD	351	1	2500 RPM	1.	.01	121.
						IDLE (N)	6.	.12	36.
9290	79	FORD	LTD	351	1	2500 RPM	5.	0.00	127.
						IDLE (N)	8.	.07	39.
0291	80	BUIC	SKYL	151	1	2500 RPM	1.	.01	107.
						IDLE (N)	0.	0.00	24.
9292	79	MAZD	STAW	86	1	2500 RPM	38.	.33	84.
						IDLE (N)	37.	.04	38.
9293	79	MAZD	626	120	1	2500 RPM	125.	1.27	64.
						IDLE (N)	69.	.27	30.
9294	79	MAZD	GLC	86	1	2500 RPM	122.	1.62	72.
						IDLE (N)	103.	.76	36.
0295	80	CHEV	CITA	171	1	2500 RPM	17.	.05	88.
						IDLE (N)	16.	.07	7.
9296	79	FORD	LTD	351	1	2500 RPM	0.	0.00	78.
						IDLE (N)	0.	.01	128.
9297	79	FORD	STAW	351	1	2500 RPM	1.	0.00	88.
						IDLE (N)	5.	.04	25.
9298	79	FORD	STAW	351	1	2500 RPM	2.	0.00	151.
						IDLE (N)	26.	.09	4.
9299	79	MAZD	GLC	86	1	2500 RPM	32.	.28	56.
						IDLE (N)	16.	0.00	30.

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VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9300	79	FORD	LTD	351	1	2500 RPM	3.	.01	762.
						IDLE (N)	5.	0.00	94.
0301	80	BUIC	SKYL	151	1	2500 RPM	1.	.02	64.
						IDLE (N)	0.	.01	0.
9302	79	MERC	MARQ	351	1	2500 RPM	2.	0.00	68.
						IDLE (N)	1.	.01	25.
9303	79	MAZD	STAW	86	1	2500 RPM	8.	.02	116.
						IDLE (N)	4.	0.00	69.
0304	80	CHEV	CITA	171	1	2500 RPM	22.	.15	1.
						IDLE (N)	0.	0.00	11.
0305	80	CHEV	CITA	171	1	2500 RPM	4.	.03	13.
						IDLE (N)	2.	0.00	22.
0306	80	PONT	PHOE	151	1	2500 RPM	1.	.01	156.
						IDLE (N)	0.	0.00	46.
0307	80	CHEV	CITA	171	1	2500 RPM	0.	.01	7.
						IDLE (N)	0.	0.00	35.
0308	80	CHEV	CITA	171	1	2500 RPM	5.	.15	3.
						IDLE (N)	0.	0.00	27.
0309	80	CHEV	CITA	171	1	2500 RPM	1.	.06	7.
						IDLE (N)	0.	0.00	33.
0310	80	BUIC	SKYL	151	1	2500 RPM	2.	.01	96.
						IDLE (N)	0.	.01	17.
9311	79	FORD	LTD	351	1	2500 RPM	1.	0.00	97.
						IDLE (N)	3.	.08	45.
9312	79	FORD	LTD	351	1	2500 RPM	1.	0.00	121.
						IDLE (N)	1.	.01	18.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
0313	80	CHEV	CITA	151	1	2500 RPM	3.	.01	46.
						IDLE (N)	3.	0.00	20.
0314	80	CHEV	CITA	151	1	2500 RPM	0.	.01	180.
						IDLE (N)	0.	0.00	54.
9315	79	FORD	LTD	351	1	2500 RPM	2.	0.00	224.
						IDLE (N)	5.	0.00	79.
9316	79	FORD	LTD	351	1	2500 RPM	3.	0.00	132.
						IDLE (N)	116.	.34	5.
9317	79	FORD	STAW	351	1	2500 RPM	0.	0.00	80.
						IDLE (N)	1.	.01	38.
0318	80	CHEV	CITA	171	1	2500 RPM	3.	.03	5.
						IDLE (N)	0.	.01	56.
0319	80	CHEV	CITA	171	1	2500 RPM	2.	.10	33.
						IDLE (N)	3.	.20	15.
0320	80	CHEV	CITA	171	1	2500 RPM	3.	.03	146.
						IDLE (N)	0.	.01	30.
0321	80	CHEV	CITA	171	1	2500 RPM	0.	.02	6.
						IDLE (N)	0.	.01	36.
0322	80	CHEV	CITA	171	1	2500 RPM	0.	.04	3.
						IDLE (N)	0.	.01	18.
0323	80	CHEV	CITA	171	1	2500 RPM	0.	.06	4.
						IDLE (N)	0.	.02	16.
0324	80	CHEV	CITA	171	1	2500 RPM	0.	.02	46.
						IDLE (N)	0.	.01	60.
0325	80	CHEV	CITA	171	1	2500 RPM	1.	.15	2.
						IDLE (N)	0.	.01	24.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
0326	80	CHEV	CITA	171	1	2500 RPM	0.	.04	3.
						IDLE (N)	0.	.01	30.
0327	80	BUIC	SKYL	171	1	2500 RPM	7.	0.00	103.
						IDLE (N)	6.	0.00	20.
0328	80	OLDS	OMEG	171	1	2500 RPM	0.	.04	0.
						IDLE (N)	0.	0.00	33.
9329	79	FORD	LTD	351	1	2500 RPM	2.	0.00	113.
						IDLE (N)	3.	.03	32.
9330	79	FORD	STAW	351	1	2500 RPM	194.	4.64	146.
						IDLE (N)	727.	9.33	25.
9331	79	FORD	STAW	351	1	2500 RPM	0.	0.00	95.
						IDLE (N)	47.	.16	0.
9332	79	FORD	STAW	351	1	2500 RPM	2.	0.00	148.
						IDLE (N)	13.	0.00	19.
0333	80	CHEV	CITA	171	1	2500 RPM	7.	.18	15.
						IDLE (N)	0.	0.00	51.
0334	80	CHEV	CITA	171	1	2500 RPM	0.	.04	2.
						IDLE (N)	0.	.01	12.
0335	80	CHEV	CITA	171	1	2500 RPM	13.	.26	4.
						IDLE (N)	0.	.01	23.
0336	80	BUIC	SKYL	151	1	2500 RPM	1.	0.00	117.
						IDLE (N)	0.	0.00	28.
9337	79	VOLK	STAW	120	1	2500 RPM	0.	.01	44.
						IDLE (N)	0.	0.00	60.
9338	79	FORD	LTD	351	1	2500 RPM	2.	0.00	117.
						IDLE (N)	3.	.08	51.

APPENDIX E

LISTING OF TWO SPEED IDLE EMISSIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	HC,PPMHEX	CO,PCT	NO,PPM
9339	79	FORD	LTD	351	1	2500 RPM	2.	.01	142.
						IDLE (N)	0.	.05	31.
9340	79	TOYO	SUPR	156	1	2500 RPM	1.	.01	57.
						IDLE (N)	1.	.01	14.
9341	79	FORD	LTD	351	1	2500 RPM	1.	.01	281.
						IDLE (N)	2.	.02	13.
9342	79	FORD	LTD	351	1	2500 RPM	0.	0.00	118.
						IDLE (N)	39.	.07	9.
0343	80	CHEV	CITA	151	1	2500 RPM	0.	0.00	75.
						IDLE (N)	0.	0.00	27.
9344	79	FORD	STAW	351	1	2500 RPM	84.	3.56	113.
						IDLE (N)	278.	4.61	20.
9345	79	MAZD	626	120	1	2500 RPM	32.	.09	25.
						IDLE (N)	16.	.01	31.
9346	79	FORD	LTD	351	1	2500 RPM	1.	0.00	245.
						IDLE (N)	5.	.04	35.
0347	80	CHEV	CITA	171	1	2500 RPM	0.	.07	13.
						IDLE (N)	0.	.01	30.
9348	79	FORD	LTD	351	1	2500 RPM	0.	0.00	114.
						IDLE (N)	0.	.07	29.
0349	80	CHEV	CITA	151	1	2500 RPM	1.	.03	140.
						IDLE (N)	0.	0.00	38.
0350	80	CHEV	CITA	171	1	2500 RPM	14.	.01	42.
						IDLE (N)	12.	.01	34.

APPENDIX F

LISTING OF FEDERAL THREE MODE TEST RESULTS ON INDIVIDUAL VEHICLES

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
8001	78	VOLV	262C	163	1	HI SPEED	16.0	20.	.26	126.
						LO SPEED	7.5	4.	.01	1170.
						IDLE (D)		1.	.01	15.
						IDLE (N)		8.	0.00	66.
8002	78	VOLV	264G	163	1	HI SPEED	16.0	7.	.04	490.
						LO SPEED	7.5	3.	.02	175.
						IDLE (D)		2.	.01	10.
						IDLE (N)		2.	0.00	13.
9003	79	CADI	SEVI	350	1	HI SPEED	18.0	6.	.08	583.
						LO SPEED	9.5	7.	.04	184.
						IDLE (D)		10.	.02	76.
						IDLE (N)		9.	.02	35.
8004	78	VOLV	264G	163	1	HI SPEED	16.0	24.	.22	72.
						LO SPEED	7.5	84.	.68	91.
						IDLE (D)		96.	2.44	35.
						IDLE (N)		97.	2.02	47.
8005	78	VOLV	264G	163	1	HI SPEED	16.0	21.	.07	82.
						LO SPEED	7.5	79.	.35	7.
						IDLE (D)		200.	1.69	8.
						IDLE (N)		221.	1.88	9.
8006	78	FORD	PINT	140	1	HI SPEED	13.5	5.	0.00	412.
						LO SPEED	6.0	0.	0.00	69.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		28.	0.00	18.
9007	79	FORD	PINT	140	1	HI SPEED	9.7	10.	0.00	571.
						LO SPEED	7.9	5.	0.00	32.
						IDLE (D)		12.	.52	29.
						IDLE (N)		8.	.07	21.
9008	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.03	5.
						LO SPEED	7.5	0.	.03	3.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		62.	.14	3.

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APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9009	79	FORD	PINT	140	1	HI SPEED	13.5	22.	.02	321.
						LO SPEED	6.0	21.	.02	413.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		13.	0.00	24.
9010	79	FORD	PINT	140	1	HI SPEED	13.5	10.	0.00	388.
						LO SPEED	6.0	6.	0.00	44.
						IDLE (D)		20.	.69	33.
						IDLE (N)		6.	.08	34.
8011	78	FORD	PINT	140	1	HI SPEED	13.5	4.	0.00	209.
						LO SPEED	6.0	1.	0.00	33.
						IDLE (D)		2.	0.00	43.
						IDLE (N)		2.	0.00	29.
8012	78	FORD	PINT	140	1	HI SPEED	13.5	7.	0.00	256.
						LO SPEED	6.0	2.	0.00	40.
						IDLE (D)		3.	0.00	55.
						IDLE (N)		2.	0.00	26.
8013	78	VOLV	264G	163	1	HI SPEED	16.0	15.	.09	139.
						LO SPEED	7.5	20.	.24	30.
						IDLE (D)		17.	.17	5.
						IDLE (N)		14.	.25	3.
9014	79	VOLV	244D	130	1	HI SPEED	16.0	5.	.04	564.
						LO SPEED	7.5	8.	.05	16.
						IDLE (D)		14.	.08	2.
						IDLE (N)		8.	.05	3.
8015	78	FORD	STAW	140	1	HI SPEED	13.5	17.	.02	327.
						LO SPEED	6.5	9.	.01	103.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		25.	.01	24.
8016	78	FORD	PINT	140	1	HI SPEED	13.5	14.	.25	243.
						LO SPEED	6.0	16.	.10	252.
						IDLE (D)		13.	.01	52.
						IDLE (N)		101.	2.43	35.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
8017	78	FORD	PINT	140	1	HI SPEED	13.5	26.	.01	134.
						LO SPEED	6.0	7.	0.00	118.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		21.	0.00	20.
8018	78	FORD	PINT	140	1	HI SPEED	13.5	38.	.01	709.
						LO SPEED	6.0	21.	.05	636.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		37.	.08	32.
8019	78	FORD	PINT	140	1	HI SPEED	13.5	10.	.03	495.
						LO SPEED	6.0	9.	.05	282.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		254.	.50	7.
8020	78	FORD	PINT	140	1	HI SPEED	13.5	14.	.02	413.
						LO SPEED	6.0	10.	0.00	146.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		37.	.02	30.
8021	78	FORD	STAW	140	1	HI SPEED	13.5	11.	0.00	474.
						LO SPEED	6.5	11.	0.00	193.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		23.	0.00	29.
8022	78	FORD	PINT	140	1	HI SPEED	13.5	19.	.02	366.
						LO SPEED	6.0	8.	0.00	144.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		45.	.23	20.
8023	78	FORD	PINT	140	1	HI SPEED	13.5	23.	.01	422.
						LO SPEED	6.0	20.	.02	266.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		51.	.11	25.
8024	78	FORD	PINT	140	1	HI SPEED	13.5	7.	.01	299.
						LO SPEED	6.0	14.	0.00	148.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		13.	0.00	24.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
8025	78	FORD	PINT	140	1	HI SPEED	13.5	82.	.55	145.
						LO SPEED	6.0	87.	.88	90.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		346.	6.59	20.
8026	78	FORD	STAW	140	1	HI SPEED	13.5	28.	.02	338.
						LO SPEED	6.5	15.	.02	301.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		37.	.01	31.
9027	79	VOLV	244D	130	1	HI SPEED	16.0	54.	.67	107.
						LO SPEED	7.5	132.	1.49	115.
						IDLE (D)		97.	2.48	20.
						IDLE (N)		82.	2.31	30.
8028	78	FORD	PINT	140	1	HI SPEED	13.5	18.	.22	253.
						LO SPEED	6.0	16.	.10	245.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		2.	0.00	33.
8029	78	FORD	PINT	140	1	HI SPEED	13.5	15.	0.00	294.
						LO SPEED	6.0	9.	0.00	144.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		20.	0.00	23.
9030	79	MAZD	GLC	86	1	HI SPEED	12.0	54.	.06	1614.
						LO SPEED	5.0	45.	.07	1137.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		25.	.01	56.
8031	78	FORD	PINT	140	1	HI SPEED	13.5	14.	.01	429.
						LO SPEED	6.0	9.	.01	258.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		35.	0.00	27.
8032	78	FORD	PINT	140	1	HI SPEED	13.5	9.	0.00	687.
						LO SPEED	6.0	6.	0.00	114.
						IDLE (D)		12.	0.00	50.
						IDLE (N)		7.	0.00	16.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
8033	78	VOLV	264G	163	1	HI SPEED	16.0	2.	.06	94.
						LO SPEED	7.5	0.	.01	103.
						IDLE (D)		0.	.02	1.
						IDLE (N)		0.	.01	5.
9034	79	MERC	MARQ	351	1	HI SPEED	17.0	0.	0.00	246.
						LO SPEED	8.5	1.	0.00	241.
						IDLE (D)		0.	0.00	169.
						IDLE (N)		1.	0.00	39.
8035	78	FORD	STAW	140	1	HI SPEED	13.5	10.	.01	441.
						LO SPEED	6.5	5.	.01	100.
						IDLE (D)		16.	0.00	48.
						IDLE (N)		14.	0.00	28.
9036	79	MAZD	GLC	86	1	HI SPEED	12.0	53.	.13	1334.
						LO SPEED	5.0	49.	.18	542.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		26.	.01	54.
9037	79	MERC	MARQ	351	1	HI SPEED	17.0	4.	0.00	194.
						LO SPEED	8.5	4.	0.00	152.
						IDLE (D)		16.	.01	13.
						IDLE (N)		94.	.21	4.
9038	79	MAZD	GLC	86	1	HI SPEED	12.0	33.	.01	1468.
						LO SPEED	5.0	18.	.01	403.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		6.	0.00	62.
8039	78	FORD	PINT	140	1	HI SPEED	13.5	21.	.01	518.
						LO SPEED	6.0	7.	0.00	211.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		120.	.79	15.
9040	79	TOYO	SUPR	156	1	HI SPEED	14.5	12.	.06	5.
						LO SPEED	7.5	68.	.10	3.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		51.	.04	0.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9041	79	MERC	MARQ	351	1	HI SPEED	17.0	5.	.01	124.
						LO SPEED	8.5	3.	.01	79.
						IDLE (D)		3.	0.00	138.
						IDLE (N)		6.	.05	23.
0042	80	CHEV	CITA	171	1	HI SPEED	16.0	0.	.01	247.
						LO SPEED	7.5	1.	.05	61.
						IDLE (D)		0.	.01	18.
						IDLE (N)		1.	.01	15.
8043	78	SAAB	99L	121	1	HI SPEED	14.5	20.	.06	1247.
						LO SPEED	6.0	34.	.15	126.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		34.	.05	13.
0044	80	CHEV	CITA	151	1	HI SPEED	16.0	2.	.01	775.
						LO SPEED	7.5	-0.	.01	112.
						IDLE (D)		0.	0.00	4.
						IDLE (N)		0.	.01	28.
8045	78	FORD	PINT	140	1	HI SPEED	13.5	2.	0.00	156.
						LO SPEED	6.0	1.	0.00	53.
						IDLE (D)		12.	.21	34.
						IDLE (N)		88.	2.13	30.
9046	79	CHEV	MONZ	151	1	HI SPEED	13.0	8.	.02	13.
						LO SPEED	6.5	3.	0.00	32.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		24.	.82	3.
9047	79	MAZD	GLC	86	1	HI SPEED	12.0	65.	.12	1265.
						LO SPEED	5.0	57.	.31	439.
						IDLE (D)		38.	0.00	58.
						IDLE (N)		0.	0.00	6.
8048	78	FORD	PINT	140	1	HI SPEED	13.5	3.	.02	412.
						LO SPEED	6.0	0.	.11	28.
						IDLE (D)		146.	1.62	32.
						IDLE (N)		72.	.96	25.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9049	79	MAZD	GLC	86	1	HI SPEED	12.0	33.	.03	1256.
						LO SPEED	5.5	25.	.04	417.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		12.	0.00	44.
9050	79	MAZD	STAW	86	1	HI SPEED	12.0	11.	.03	1314.
						LO SPEED	5.5	16.	.03	723.
						IDLE (D)		3.	.01	88.
						IDLE (N)		2.	0.00	74.
9051	79	CHEV	MONZ	151	1	HI SPEED	13.5	15.	.05	215.
						LO SPEED	6.5	7.	.10	699.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		3.	.03	20.
9052	79	PONT	SUNB	151	1	HI SPEED	13.0	13.	.11	12.
						LO SPEED	6.5	5.	.04	26.
						IDLE (D)		3.	.12	3.
						IDLE (N)		0.	.11	1.
9053	79	CHEV	MONZ	151	1	HI SPEED	13.5	19.	.06	18.
						LO SPEED	6.5	8.	.05	67.
						IDLE (D)		265.	2.77	8.
						IDLE (N)		209.	2.12	9.
8054	78	PONT	SUNB	151	1	HI SPEED	14.5	235.	5.14	224.
						LO SPEED	6.5	325.	4.89	302.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		333.	8.41	36.
8055	78	PONT	SUNB	151	1	HI SPEED	13.0	6.	.06	117.
						LO SPEED	6.5	4.	.06	61.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		11.	.16	2.
9056	79	MAZD	GLC	86	1	HI SPEED	12.0	62.	.05	1426.
						LO SPEED	5.0	49.	.07	440.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		7.	0.00	35.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9057	79	MERC	MARQ	351	1	HI SPEED	17.0	2.	.01	973.
						LO SPEED	8.5	0.	.01	508.
						IDLE (D)		118.	.16	3.
						IDLE (N)		411.	.69	2.
8058	78	PONT	SUNB	151	1	HI SPEED	13.0	26.	.25	7.
						LO SPEED	6.5	4.	.16	4.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		18.	.23	0.
8059	78	CHEV	MONZ	151	1	HI SPEED	14.5	69.	.18	57.
						LO SPEED	6.5	36.	.25	6.
						IDLE (D)		82.	2.06	4.
						IDLE (N)		95.	1.38	5.
9060	79	CHEV	MONZ	151	1	HI SPEED	13.5	11.	.05	348.
						LO SPEED	6.5	4.	.01	127.
						IDLE (D)		2.	.04	29.
						IDLE (N)		1.	0.00	2.
9061	79	PONT	SUNB	151	1	HI SPEED	13.0	7.	.01	438.
						LO SPEED	6.5	5.	.01	190.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		0.	.01	26.
8062	78	CHEV	MONZ	151	1	HI SPEED	14.5	22.	.11	764.
						LO SPEED	6.5	15.	.09	499.
						IDLE (D)		286.	5.38	13.
						IDLE (N)		216.	4.83	16.
8063	78	CHEV	MONZ	151	1	HI SPEED	14.5	9.	.03	680.
						LO SPEED	6.5	6.	.03	442.
						IDLE (D)		50.	.53	5.
						IDLE (N)		42.	.17	1.
9064	79	MAZD	STAW	86	1	HI SPEED	12.0	24.	.02	1006.
						LO SPEED	5.5	14.	.01	337.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		7.	.01	49.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
8065	78	FORD	PINT	140	1	HI SPEED	13.5	11.	.01	368.
						LO SPEED	6.0	22.	.03	304.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		18.	0.00	28.
9066	79	CHEV	MONZ	151	1	HI SPEED	13.5	9.	.01	225.
						LO SPEED	6.5	3.	.01	98.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		31.	.35	4.
9067	79	PONT	SUNB	151	1	HI SPEED	13.5	4.	.01	299.
						LO SPEED	6.5	2.	.01	177.
						IDLE (D)		29.	.14	2.
						IDLE (N)		1.	.01	16.
9068	79	CHEV	MONZ	151	1	HI SPEED	13.5	9.	.02	86.
						LO SPEED	6.5	2.	.01	87.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		1.	.01	22.
9069	79	VOLV	264G	163	1	HI SPEED	16.0	2.	.06	197.
						LO SPEED	7.5	0.	.02	107.
						IDLE (D)		1.	.01	16.
						IDLE (N)		0.	0.00	0.
9070	79	PONT	SUNB	151	1	HI SPEED	13.5	1.	.03	21.
						LO SPEED	6.5	0.	.05	17.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		36.	.36	1.
8071	78	CHEV	MONZ	151	1	HI SPEED	14.5	209.	4.83	253.
						LO SPEED	6.5	251.	4.03	355.
						IDLE (D)		500.	9.10	30.
						IDLE (N)		481.	8.47	23.
8072	78	PONT	SUNB	151	1	HI SPEED	14.5	215.	5.69	88.
						LO SPEED	6.5	191.	5.54	60.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		430.	7.80	16.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9073	79	CHEV	MONZ	151	1	HI SPEED	13.5	16.	.03	283.
						LO SPEED	6.5	9.	.06	831.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		151.	2.47	5.
9074	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.03	1.
						LO SPEED	7.5	0.	.03	0.
						IDLE (D)		0.	.01	39.
						IDLE (N)		0.	.01	2.
9075	79	FORD	LTD	351	1	HI SPEED	17.0	12.	.01	2260.
						LO SPEED	8.5	13.	0.00	749.
						IDLE (D)		4.	.01	197.
						IDLE (N)		3.	0.00	56.
8076	78	FORD	PINT	140	1	HI SPEED	13.5	12.	.02	559.
						LO SPEED	6.0	6.	.02	237.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		59.	.28	21.
9077	79	CHEV	MONZ	151	1	HI SPEED	13.0	131.	1.17	96.
						LO SPEED	6.5	212.	1.34	77.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		178.	5.67	20.
8078	78	CHEV	MONZ	151	1	HI SPEED	14.5	5.	.03	259.
						LO SPEED	6.5	1.	.05	268.
						IDLE (D)		0.	.01	42.
						IDLE (N)		0.	.01	23.
9079	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.03	1.
						LO SPEED	7.5	0.	.04	2.
						IDLE (D)		0.	.01	29.
						IDLE (N)		0.	.04	1.
8080	78	PONT	SUNB	151	1	HI SPEED	14.5	25.	.06	48.
						LO SPEED	6.5	9.	.05	37.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		87.	.21	3.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9081	79	MAZD	626	120	1	HI SPEED	13.0	23.	.03	350.
						LO SPEED	6.5	23.	.01	156.
						IDLE (D)		1.	.01	160.
						IDLE (N)		4.	0.00	70.
8082	78	CHEV	STAW	151	1	HI SPEED	14.5	8.	.02	114.
						LO SPEED	6.5	5.	.03	57.
						IDLE (D)		6.	.03	6.
						IDLE (N)		1.	.07	17.
9083	79	TOYO	SUPR	156	1	HI SPEED	14.5	1.	.01	11.
						LO SPEED	7.5	0.	0.00	125.
						IDLE (D)		2.	.02	4.
						IDLE (N)		0.	0.00	9.
9084	79	MAZD	626	120	1	HI SPEED	13.5	10.	.01	175.
						LO SPEED	6.5	5.	.02	254.
						IDLE (D)		0.	.01	110.
						IDLE (N)		1.	.01	63.
9085	79	VOLV	242D	130	1	HI SPEED	16.0	8.	.03	363.
						LO SPEED	6.5	28.	.16	25.
						IDLE (D)		16.	.12	2.
						IDLE (N)		18.	.20	3.
9086	79	MAZD	GLC	86	1	HI SPEED	12.0	25.	.02	1138.
						LO SPEED	5.0	12.	.02	255.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		2.	.01	51.
9087	79	MAZD	626	120	1	HI SPEED	13.0	20.	.02	521.
						LO SPEED	6.5	11.	.01	533.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		8.	.01	47.
9088	79	MAZD	626	120	1	HI SPEED	13.0	16.	.01	308.
						LO SPEED	6.5	11.	.01	72.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		3.	.01	48.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9089	79	MAZD	626	120	1	HI SPEED	13.0	12.	0.00	596.
						LO SPEED	6.5	7.	0.00	626.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		4.	0.00	55.
9090	79	MAZD	626	120	1	HI SPEED	13.0	13.	.01	265.
						LO SPEED	6.5	16.	.01	77.
						IDLE (D)		4.	0.00	190.
						IDLE (N)		5.	0.00	75.
9091	79	MAZD	626	120	1	HI SPEED	13.0	14.	.01	294.
						LO SPEED	6.5	13.	.01	92.
						IDLE (D)		3.	.01	178.
						IDLE (N)		9.	.01	62.
9092	79	MAZD	GLC	86	1	HI SPEED	12.0	23.	.02	1187.
						LO SPEED	5.0	17.	.02	368.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		5.	0.00	61.
9093	79	MAZD	GLC	86	1	HI SPEED	12.0	11.	.05	2598.
						LO SPEED	5.0	8.	.02	1196.
						IDLE (D)		1.	0.00	194.
						IDLE (N)		0.	0.00	86.
9094	79	MAZD	626	120	1	HI SPEED	13.0	5.	.02	143.
						LO SPEED	6.5	5.	.01	105.
						IDLE (D)		0.	0.00	100.
						IDLE (N)		0.	0.00	59.
9095	79	MAZD	GLC	86	1	HI SPEED	12.0	35.	.02	840.
						LO SPEED	5.0	19.	.01	612.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		8.	0.00	43.
9096	79	MERC	STAW	351	1	HI SPEED	18.0	0.	0.00	166.
						LO SPEED	8.5	0.	0.00	63.
						IDLE (D)		0.	0.00	44.
						IDLE (N)		0.	.01	27.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9097	79	FORD	LTD	351	1	HI SPEED	17.0	1.	0.00	83.
						LO SPEED	8.5	0.	0.00	94.
						IDLE (D)		0.	.01	116.
						IDLE (N)		2.	.01	37.
9098	79	MAZD	626	120	1	HI SPEED	13.5	13.	.01	333.
						LO SPEED	6.5	6.	.01	386.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		5.	.01	53.
9099	79	MERC	MARQ	351	1	HI SPEED	17.0	1.	0.00	69.
						LO SPEED	8.5	1.	.01	86.
						IDLE (D)		0.	.01	140.
						IDLE (N)		0.	.01	43.
9100	79	FORD	LTD	351	1	HI SPEED	17.0	6.	0.00	110.
						LO SPEED	8.5	3.	0.00	123.
						IDLE (D)		9.	.23	15.
						IDLE (N)		9.	.02	35.
9101	79	MERC	MARQ	351	1	HI SPEED	17.0	1.	0.00	158.
						LO SPEED	8.5	0.	0.00	91.
						IDLE (D)		1.	0.00	131.
						IDLE (N)		3.	.07	39.
9102	79	MERC	MARQ	351	1	HI SPEED	17.0	0.	0.00	62.
						LO SPEED	8.5	0.	0.00	68.
						IDLE (D)		0.	.01	71.
						IDLE (N)		0.	.01	38.
9103	79	MERC	MARQ	351	1	HI SPEED	17.0	1.	0.00	116.
						LO SPEED	8.5	0.	0.00	57.
						IDLE (D)		1.	.01	118.
						IDLE (N)		2.	.01	44.
9104	79	VOLV	264G	163	1	HI SPEED	16.0	23.	.23	90.
						LO SPEED	7.5	16.	.18	12.
						IDLE (D)		10.	.05	1.
						IDLE (N)		12.	.04	1.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
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LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9105	79	VOLV	264G	163	1	HI SPEED	16.0	0.	.01	91.
						LO SPEED	7.5	0.	.01	35.
						IDLE (D)		0.	.01	3.
						IDLE (N)		1.	.01	5.
9106	79	MERC	MARQ	351	1	HI SPEED	17.0	1.	.01	193.
						LO SPEED	8.5	1.	.01	120.
						IDLE (D)		2.	.01	140.
						IDLE (N)		5.	.06	17.
9107	79	FORD	LTD	351	1	HI SPEED	17.0	5.	.01	325.
						LO SPEED	8.5	4.	.01	296.
						IDLE (D)		4.	.01	46.
						IDLE (N)		9.	.11	29.
9108	79	MERC	MARQ	351	1	HI SPEED	17.0	4.	.01	219.
						LO SPEED	8.5	3.	0.00	126.
						IDLE (D)		2.	0.00	144.
						IDLE (N)		6.	.07	43.
8109	78	VOLV	264G	163	1	HI SPEED	16.0	35.	.10	199.
						LO SPEED	7.5	49.	.25	40.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		98.	.20	3.
9110	79	FORD	STAW	351	1	HI SPEED	18.0	5.	.01	163.
						LO SPEED	8.5	5.	.01	148.
						IDLE (D)		3.	0.00	125.
						IDLE (N)		4.	0.00	42.
9111	79	VOLV	242D	130	1	HI SPEED	16.0	3.	.01	310.
						LO SPEED	6.5	2.	.03	40.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		3.	.02	2.
9112	79	FORD	LTD	351	1	HI SPEED	17.0	2.	0.00	74.
						LO SPEED	8.5	1.	0.00	100.
						IDLE (D)		0.	.01	48.
						IDLE (N)		1.	.01	25.

APPENDIX F

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LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9113	79	VOLK	CAMP	120	1	HI SPEED	19.5	89.	6.53	270.
						LO SPEED	7.0	145.	8.40	101.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		163.	8.06	35.
9114	79	VOLV	242D	130	1	HI SPEED	16.0	2.	.03	12.
						LO SPEED	6.5	0.	.06	6.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		24.	.32	1.
9115	79	VOLK	STAW	120	1	HI SPEED	19.5	6.	.02	265.
						LO SPEED	7.0	1.	.01	474.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		2.	.01	53.
9116	79	VOLK	CAMP	120	1	HI SPEED	19.5	1.	.04	61.
						LO SPEED	7.0	1.	.02	53.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		2.	.01	57.
9117	79	FORD	LTD	351	1	HI SPEED	17.0	4.	0.00	163.
						LO SPEED	8.5	3.	0.00	241.
						IDLE (D)		4.	.01	250.
						IDLE (N)		7.	.01	61.
9118	79	VOLV	242D	130	1	HI SPEED	16.0	2.	.02	30.
						LO SPEED	6.5	10.	.06	2.
						IDLE (D)		1.	.03	0.
						IDLE (N)		10.	.11	1.
9119	79	MERC	MARQ	351	1	HI SPEED	17.0	1.	.01	274.
						LO SPEED	8.5	1.	.01	243.
						IDLE (D)		1.	.04	234.
						IDLE (N)		6.	.07	36.
9120	79	VOLV	244D	130	1	HI SPEED	16.0	4.	.02	15.
						LO SPEED	7.5	4.	.02	5.
						IDLE (D)		1.	.01	0.
						IDLE (N)		0.	.01	0.

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LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
8121	78	VOLV	242G	130	1	HI SPEED	16.0	1.	.02	67.
						LO SPEED	6.5	6.	.08	6.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		16.	.11	5.
9122	79	VOLV	264G	163	1	HI SPEED	16.0	3.	.01	92.
						LO SPEED	7.5	1.	.01	16.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		1.	0.00	25.
9123	79	VOLV	244D	130	1	HI SPEED	16.0	25.	.13	613.
						LO SPEED	7.5	30.	.14	194.
						IDLE (D)		36.	.03	15.
						IDLE (N)		33.	.12	6.
9124	79	VOLV	264G	163	1	HI SPEED	16.0	2.	.03	78.
						LO SPEED	7.5	1.	.01	109.
						IDLE (D)		1.	.01	11.
						IDLE (N)		4.	.01	15.
9125	79	VOLV	244D	130	1	HI SPEED	16.0	0.	.01	116.
						LO SPEED	7.5	3.	.01	3.
						IDLE (D)		0.	0.00	0.
						IDLE (N)		0.	0.00	0.
9126	79	VOLV	242G	130	1	HI SPEED	16.0	3.	.02	788.
						LO SPEED	7.5	0.	.01	185.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		1.	.01	11.
9127	79	MAZD	GLC	86	1	HI SPEED	12.0	24.	.05	1073.
						LO SPEED	5.0	25.	.07	561.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		11.	0.00	31.
9128	79	MAZD	GLC	86	1	HI SPEED	12.0	34.	.01	1396.
						LO SPEED	5.0	19.	0.00	386.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		8.	0.00	65.

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LOS ANGELES

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SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9129	79	VOLV	244D	130	1	HI SPEED	16.0	0.	.01	296.
						LO SPEED	7.5	3.	.02	5.
						IDLE (D)		0.	.01	13.
						IDLE (N)		0.	0.00	8.
9130	79	MAZD	626	120	1	HI SPEED	13.0	28.	.01	237.
						LO SPEED	6.5	41.	.03	115.
						IDLE (D)		17.	.02	183.
						IDLE (N)		21.	0.00	73.
9131	79	MAZD	GLC	86	1	HI SPEED	12.0	26.	.03	1336.
						LO SPEED	5.0	22.	.04	766.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		9.	.01	80.
9132	79	MAZD	GLC	86	1	HI SPEED	12.0	43.	.08	1051.
						LO SPEED	5.0	28.	.06	339.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		10.	.01	58.
9133	79	MAZD	GLC	86	1	HI SPEED	12.0	21.	.01	1272.
						LO SPEED	5.0	11.	0.00	518.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		1.	0.00	64.
9134	79	MAZD	626	120	1	HI SPEED	13.0	54.	.06	336.
						LO SPEED	6.5	34.	.02	117.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		12.	0.00	56.
9135	79	MAZD	GLC	86	1	HI SPEED	12.0	72.	.17	1325.
						LO SPEED	5.0	60.	.35	418.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		37.	.01	55.
9136	79	MAZD	GLC	86	1	HI SPEED	12.0	59.	.13	1202.
						LO SPEED	5.0	56.	.26	515.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		20.	0.00	57.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9137	79	MAZD	626	120	1	HI SPEED	13.5	16.	.01	382.
						LO SPEED	6.5	8.	.01	438.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		9.	0.00	46.
9138	79	MAZD	626	120	1	HI SPEED	13.0	22.	.02	375.
						LO SPEED	6.5	11.	.01	490.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		13.	0.00	46.
9139	79	MAZD	626	120	1	HI SPEED	13.0	19.	.01	355.
						LO SPEED	6.5	10.	.01	158.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		5.	.01	45.
9140	79	MAZD	GLC	86	1	HI SPEED	12.0	90.	.22	1492.
						LO SPEED	5.0	70.	.44	454.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		48.	.01	33.
9141	79	MAZD	GLC	86	1	HI SPEED	12.0	43.	.02	1289.
						LO SPEED	5.0	27.	.03	433.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		14.	0.00	53.
9142	79	MAZD	GLC	86	1	HI SPEED	12.0	32.	.02	1054.
						LO SPEED	5.0	16.	.01	341.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		17.	.01	38.
9143	79	MAZD	GLC	86	1	HI SPEED	12.0	41.	.03	1407.
						LO SPEED	5.0	21.	.02	345.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		4.	.01	61.
9144	79	MAZD	GLC	86	1	HI SPEED	12.0	24.	.03	1199.
						LO SPEED	5.0	18.	.02	626.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		7.	.01	76.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
8145	78	VOLV	STAW	163	1	HI SPEED	17.5	1.	.06	159.
						LO SPEED	7.5	0.	.03	29.
						IDLE (D)		0.	.01	3.
						IDLE (N)		2.	.05	0.
9146	79	VOLV	264G	163	1	HI SPEED	16.0	0.	.03	50.
						LO SPEED	7.5	0.	.03	8.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		0.	0.00	745.
9147	79	VOLV	264G	163	1	HI SPEED	16.0	4.	.03	198.
						LO SPEED	7.5	10.	.06	2.
						IDLE (D)		0.	.01	30.
						IDLE (N)		6.	.04	0.
9148	79	VOLV	242D	130	1	HI SPEED	16.0	7.	.04	35.
						LO SPEED	6.5	7.	.08	2.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		10.	.07	6.
9149	79	VOLV	244D	130	1	HI SPEED	16.0	5.	.02	176.
						LO SPEED	7.5	10.	.05	7.
						IDLE (D)		7.	.02	3.
						IDLE (N)		3.	.01	13.
9150	79	MAZD	626	120	1	HI SPEED	13.0	22.	.02	290.
						LO SPEED	6.5	11.	.01	149.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		2.	.01	57.
9151	79	TOYO	SUPR	156	1	HI SPEED	14.5	1.	.02	4.
						LO SPEED	7.5	6.	.02	6.
						IDLE (D)		166.	.08	3.
						IDLE (N)		301.	.10	5.
9152	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.06	12.
						LO SPEED	7.5	1.	.08	3.
						IDLE (D)		8.	.10	3.
						IDLE (N)		18.	.09	2.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
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LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9153	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.04	16.
						LO SPEED	7.5	0.	.06	8.
						IDLE (D)		0.	.01	3.
						IDLE (N)		0.	.03	3.
9154	79	TOYO	SUPR	156	1	HI SPEED	14.5	1.	.06	9.
						LO SPEED	7.5	1.	.05	8.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		1.	.01	28.
9155	79	VOLV	244D	130	1	HI SPEED	16.0	0.	.02	283.
						LO SPEED	7.5	0.	.02	504.
						IDLE (D)		2.	.01	20.
						IDLE (N)		2.	.01	14.
9156	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.01	1.
						LO SPEED	7.5	0.	.03	0.
						IDLE (D)		1.	.02	1.
						IDLE (N)		2.	.04	1.
9157	79	MAZD	626	120	1	HI SPEED	13.0	29.	.05	406.
						LO SPEED	6.5	15.	.02	240.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		2.	0.00	54.
9158	79	MAZD	626	120	1	HI SPEED	13.0	16.	.01	303.
						LO SPEED	6.5	7.	.01	190.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		6.	.01	53.
9159	79	MAZD	GLC	86	1	HI SPEED	12.0	26.	.03	1255.
						LO SPEED	5.0	16.	.02	395.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		7.	.01	46.
9160	79	MAZD	626	120	1	HI SPEED	13.0	24.	.03	521.
						LO SPEED	6.5	14.	.01	232.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		4.	0.00	65.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9161	79	MAZD	GLC	86	1	HI SPEED	12.0	26.	.01	422.
						LO SPEED	5.0	6.	0.00	39.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		0.	0.00	2.
9162	79	MAZD	STAW	86	1	HI SPEED	9.7	40.	.05	1140.
						LO SPEED	10.0	28.	.05	349.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		19.	.01	50.
9163	79	MAZD	GLC	86	1	HI SPEED	12.0	69.	.28	1362.
						LO SPEED	5.0	58.	.50	514.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		42.	.01	27.
9164	79	MAZD	STAW	86	1	HI SPEED	12.0	72.	.18	1229.
						LO SPEED	5.5	57.	.23	495.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		44.	.04	43.
9165	79	MAZD	GLC	86	1	HI SPEED	12.0	60.	.10	1160.
						LO SPEED	5.0	38.	.11	394.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		30.	.03	51.
9166	79	MAZD	GLC	86	1	HI SPEED	12.0	39.	.19	960.
						LO SPEED	5.0	37.	.26	485.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		21.	.02	42.
8167	78	SAAB	99GL	121	1	HI SPEED	14.5	3.	.03	976.
						LO SPEED	6.5	2.	.04	97.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		1.	.01	22.
9168	79	FORD	STAW	351	1	HI SPEED	18.0	4.	0.00	256.
						LO SPEED	8.5	1.	0.00	152.
						IDLE (D)		2.	.01	143.
						IDLE (N)		3.	.04	24.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9169	79	MAZD	GLC	86	1	HI SPEED	12.0	32.	.04	1073.
						LO SPEED	5.0	22.	.04	271.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		12.	0.00	53.
9170	79	MAZD	GLC	86	1	HI SPEED	12.0	14.	0.00	1072.
						LO SPEED	5.0	6.	0.00	323.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		1.	0.00	42.
9171	79	MAZD	STAW	86	1	HI SPEED	12.0	8.	.02	985.
						LO SPEED	5.5	9.	.01	638.
						IDLE (D)		1.	.01	117.
						IDLE (N)		0.	0.00	70.
9172	79	MAZD	GLC	86	1	HI SPEED	12.0	83.	.05	1482.
						LO SPEED	5.0	74.	.29	390.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		52.	.02	42.
9173	79	FORD	LTD	351	1	HI SPEED	17.0	0.	.01	138.
						LO SPEED	8.5	0.	.01	61.
						IDLE (D)		0.	.01	109.
						IDLE (N)		1.	.01	38.
9174	79	MAZD	STAW	86	1	HI SPEED	12.0	38.	.04	1930.
						LO SPEED	5.5	20.	.02	406.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		7.	.01	39.
0175	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	422.
						LO SPEED	6.0	0.	.02	1271.
						IDLE (D)		0.	.01	50.
						IDLE (N)		0.	.01	33.
9176	79	MAZD	STAW	86	1	HI SPEED	12.0	39.	.10	1185.
						LO SPEED	5.5	42.	.08	401.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		2.	0.00	35.

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LISTING OF FEDERAL THREE MODE EMISSIONS
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LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9177	79	AUDI	5000	131	1	HI SPEED	16.0	13.	.17	33.
						LO SPEED	6.5	4.	.07	2.
						IDLE (D)		116.	2.18	2.
						IDLE (N)		103.	1.81	2.
9178	79	FORD	STAV	351	1	HI SPEED	18.0	13.	.04	191.
						LO SPEED	8.5	18.	.06	613.
						IDLE (D)		4.	.06	33.
						IDLE (N)		11.	.03	16.
0179	80	CHEV	CITA	171	1	HI SPEED	11.0	1.	0.00	174.
						LO SPEED	6.5	6.	.10	50.
						IDLE (D)		0.	0.00	60.
						IDLE (N)		0.	0.00	35.
0180	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	147.
						LO SPEED	6.5	0.	.01	38.
						IDLE (D)		0.	.01	74.
						IDLE (N)		0.	.01	52.
9181	79	MAZD	GLC	86	1	HI SPEED	12.0	19.	.10	1061.
						LO SPEED	5.0	24.	.16	390.
						IDLE (D)		9.	.01	120.
						IDLE (N)		5.	.01	73.
0182	80	CHEV	CITA	151	1	HI SPEED	10.5	2.	.02	1102.
						LO SPEED	6.0	2.	.01	833.
						IDLE (D)		1.	.01	64.
						IDLE (N)		2.	.01	39.
9183	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.01	34.
						LO SPEED	7.5	1.	.03	5.
						IDLE (D)		0.	.01	6.
						IDLE (N)		0.	.01	46.
9184	79	MAZD	GLC	86	1	HI SPEED	12.0	25.	.03	1484.
						LO SPEED	5.0	18.	.02	620.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		6.	.01	64.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0185	80	OLDS	OMEG	171	1	HI SPEED	11.0	0.	.01	265.
						LO SPEED	6.5	0.	.01	103.
						IDLE (D)		0.	.01	90.
						IDLE (N)		0.	.01	53.
0186	80	CHEV	CITA	171	1	HI SPEED	11.0	3.	0.00	477.
						LO SPEED	6.5	0.	0.00	127.
						IDLE (D)		0.	.01	69.
						IDLE (N)		0.	.01	38.
0187	80	CHEV	CITA	151	1	HI SPEED	10.5	298.	9.60	41.
						LO SPEED	6.0	132.	8.22	20.
						IDLE (D)		193.	5.69	9.
						IDLE (N)		146.	5.12	11.
9188	79	MERC	STAW	351	1	HI SPEED	18.0	2.	0.00	311.
						LO SPEED	8.5	1.	0.00	134.
						IDLE (D)		0.	.01	47.
						IDLE (N)		5.	.06	16.
0189	80	BUIC	SKYL	171	1	HI SPEED	11.0	1.	.12	5.
						LO SPEED	6.5	0.	.05	4.
						IDLE (D)		0.	.03	3.
						IDLE (N)		1.	.03	3.
0190	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	174.
						LO SPEED	6.5	0.	.01	106.
						IDLE (D)		0.	0.00	55.
						IDLE (N)		0.	0.00	33.
0191	80	BUIC	SKYL	171	1	HI SPEED	11.0	0.	.01	81.
						LO SPEED	6.5	0.	.01	137.
						IDLE (D)		0.	.01	25.
						IDLE (N)		0.	.01	27.
0192	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.02	482.
						LO SPEED	6.5	0.	.03	288.
						IDLE (D)		0.	.02	59.
						IDLE (N)		0.	.02	34.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0193	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.02	272.
						LO SPEED	6.0	0.	.01	109.
						IDLE (D)		0.	.01	60.
						IDLE (N)		0.	.01	34.
0194	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	50.
						LO SPEED	6.5	0.	.01	53.
						IDLE (D)		0.	.01	85.
						IDLE (N)		0.	.01	37.
0195	80	BUIC	SKYL	151	1	HI SPEED	10.5	2.	.01	446.
						LO SPEED	6.0	1.	.02	601.
						IDLE (D)		2.	.01	84.
						IDLE (N)		2.	.01	35.
0196	80	CHEV	CITA	151	1	HI SPEED	10.5	3.	.01	418.
						LO SPEED	6.0	0.	.02	1176.
						IDLE (D)		2.	.01	22.
						IDLE (N)		0.	0.00	29.
0197	80	CHEV	CITA	171	1	HI SPEED	11.0	106.	3.36	5.
						LO SPEED	6.5	164.	4.60	6.
						IDLE (D)		137.	3.10	4.
						IDLE (N)		5.	.03	27.
9198	79	AUDI	5000	131	1	HI SPEED	10.0	6.	.10	43.
						LO SPEED	6.5	6.	.04	11.
						IDLE (D)		31.	.22	1.
						IDLE (N)		26.	.26	3.
0199	80	CHEV	CITA	171	1	HI SPEED	11.0	1.	.01	349.
						LO SPEED	6.5	0.	.01	136.
						IDLE (D)		3.	.01	75.
						IDLE (N)		3.	.02	43.
0200	80	PONT	PHOE	171	1	HI SPEED	11.0	2.	.01	156.
						LO SPEED	6.5	0.	.01	67.
						IDLE (D)		2.	.01	58.
						IDLE (N)		4.	.01	32.

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LOS ANGELES

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SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0201	80	BUIC	SKYL	151	1	HI SPEED	10.5	1.	.02	1230.
						LO SPEED	6.5	1.	.02	811.
						IDLE (D)		1.	.01	95.
						IDLE (N)		2.	.01	39.
0202	80	PONT	PHOE	151	1	HI SPEED	10.5	0.	.01	338.
						LO SPEED	6.0	0.	.01	249.
						IDLE (D)		0.	.01	0.
						IDLE (N)		1.	.01	34.
0203	80	OLDS	OMEG	151	1	HI SPEED	10.5	1.	.01	579.
						LO SPEED	6.0	0.	0.00	106.
						IDLE (D)		0.	0.00	57.
						IDLE (N)		0.	0.00	39.
0204	80	OLDS	OMEG	151	1	HI SPEED	10.5	0.	.01	519.
						LO SPEED	6.0	0.	.01	156.
						IDLE (D)		0.	.01	217.
						IDLE (N)		0.	.01	39.
0205	80	CHEV	CITA	171	1	HI SPEED	11.0	4.	.16	4.
						LO SPEED	6.5	0.	.02	1.
						IDLE (D)		0.	.03	0.
						IDLE (N)		0.	.01	0.
0206	80	CHEV	CITA	171	1	HI SPEED	11.0	1.	.02	171.
						LO SPEED	6.5	1.	0.00	93.
						IDLE (D)		0.	0.00	71.
						IDLE (N)		1.	.01	40.
0207	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	162.
						LO SPEED	6.5	0.	.01	83.
						IDLE (D)		0.	.01	45.
						IDLE (N)		0.	.01	28.
0208	80	CHEV	CITA	151	1	HI SPEED	10.5	1.	.01	330.
						LO SPEED	6.0	0.	.02	1001.
						IDLE (D)		0.	.01	77.
						IDLE (N)		1.	.01	50.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9209	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.01	139.
						LO SPEED	7.5	0.	.01	4.
						IDLE (D)		1.	.04	4.
						IDLE (N)		0.	0.00	3.
0210	80	BUIC	SKYL	151	1	HI SPEED	10.5	0.	.01	283.
						LO SPEED	6.0	0.	.02	788.
						IDLE (D)		0.	.01	88.
						IDLE (N)		0.	.01	42.
9211	79	TOYO	SUPR	156	1	HI SPEED	14.5	17.	.14	37.
						LO SPEED	7.5	57.	.11	20.
						IDLE (D)		143.	.10	5.
						IDLE (N)		392.	.05	2.
9212	79	MAZD	626	120	1	HI SPEED	13.0	20.	.02	456.
						LO SPEED	6.5	7.	.01	461.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		6.	0.00	55.
0213	80	OLDS	OMEG	151	1	HI SPEED	10.5	0.	.01	325.
						LO SPEED	6.0	0.	0.00	117.
						IDLE (D)		0.	0.00	1.
						IDLE (N)		0.	.01	43.
0214	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.02	275.
						LO SPEED	6.0	0.	.01	63.
						IDLE (D)		0.	.01	81.
						IDLE (N)		0.	.01	21.
9215	79	FORD	STAW	351	1	HI SPEED	18.0	0.	0.00	148.
						LO SPEED	8.5	0.	0.00	63.
						IDLE (D)		0.	.02	486.
						IDLE (N)		0.	.01	65.
9216	79	FORD	LTD	351	1	HI SPEED	17.0	1.	0.00	55.
						LO SPEED	8.5	0.	0.00	69.
						IDLE (D)		0.	0.00	39.
						IDLE (N)		0.	.02	14.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9217	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.01	11.
						LO SPEED	7.5	0.	.02	0.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		70.	.08	3.
0218	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	152.
						LO SPEED	6.5	0.	.01	85.
						IDLE (D)		0.	.01	28.
						IDLE (N)		0.	.01	27.
0219	80	CHEV	CITA	151	1	HI SPEED	10.5	1.	.01	327.
						LO SPEED	6.0	0.	.02	647.
						IDLE (D)		0.	0.00	37.
						IDLE (N)		0.	.01	27.
0220	80	PONT	PHOE	171	1	HI SPEED	11.0	0.	.07	212.
						LO SPEED	6.5	0.	.10	460.
						IDLE (D)		144.	3.23	3.
						IDLE (N)		99.	2.76	5.
0221	80	PONT	PHOE	151	1	HI SPEED	10.5	0.	.01	157.
						LO SPEED	6.0	0.	.01	68.
						IDLE (D)		0.	0.00	1.
						IDLE (N)		0.	.01	5.
9222	79	FORD	STAW	351	1	HI SPEED	18.0	2.	.01	182.
						LO SPEED	8.5	5.	0.00	74.
						IDLE (D)		0.	.01	57.
						IDLE (N)		1.	.01	24.
9223	79	AUDI	5000	131	1	HI SPEED	16.0	31.	.29	172.
						LO SPEED	6.5	59.	.22	97.
						IDLE (D)		61.	.18	6.
						IDLE (N)		66.	.09	2.
9224	79	TOYO	SUPR	156	1	HI SPEED	14.5	18.	.14	11.
						LO SPEED	7.5	18.	.12	6.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		96.	.09	2.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	FLHP	HC,PPMHEX	CO,PCT	NO,PPM
9225	79	FORD	LTD	351	1	HI SPEED	17.0	1.	.01	608.
						LO SPEED	8.5	1.	.01	283.
						IDLE (D)		0.	.04	60.
						IDLE (N)		0.	.02	23.
9226	79	FORD	LTD	351	1	HI SPEED	17.0	1.	.01	224.
						LO SPEED	8.5	1.	.01	191.
						IDLE (D)		1.	.01	414.
						IDLE (N)		1.	.01	90.
0227	80	PONT	PHOE	151	1	HI SPEED	10.5	0.	.01	510.
						LO SPEED	6.0	0.	.01	293.
						IDLE (D)		0.	.01	85.
						IDLE (N)		0.	.01	44.
9228	79	MERC	STAW	351	1	HI SPEED	18.0	4.	0.00	147.
						LO SPEED	8.5	3.	0.00	130.
						IDLE (D)		268.	1.56	21.
						IDLE (N)		191.	.75	4.
0229	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	284.
						LO SPEED	6.0	0.	.02	876.
						IDLE (D)		0.	.01	81.
						IDLE (N)		0.	.01	33.
9230	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.01	396.
						LO SPEED	7.5	0.	.04	4.
						IDLE (D)		0.	0.00	36.
						IDLE (N)		102.	.30	4.
0231	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	372.
						LO SPEED	6.0	0.	.01	655.
						IDLE (D)		0.	.01	50.
						IDLE (N)		0.	.01	30.
0232	80	PONT	PHOE	151	1	HI SPEED	10.5	5.	.03	148.
						LO SPEED	6.0	1.	.02	13.
						IDLE (D)		0.	.01	14.
						IDLE (N)		0.	.01	18.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC.PPMHEX	CO.PCT	NO.PPM
0233	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	385.
						LO SPEED	6.0	0.	.02	1237.
						IDLE (D)		0.	.01	73.
						IDLE (N)		0.	.01	49.
9234	79	MERC	MARQ	351	1	HI SPEED	17.0	1.	0.00	663.
						LO SPEED	8.5	1.	.01	496.
						IDLE (D)		0.	0.00	192.
						IDLE (N)		3.	0.00	66.
0235	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	250.
						LO SPEED	6.5	0.	.01	157.
						IDLE (D)		0.	.01	72.
						IDLE (N)		0.	.01	31.
9236	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.01	401.
						LO SPEED	7.5	0.	.03	2.
						IDLE (D)		1.	.04	2.
						IDLE (N)		0.	.01	7.
0237	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	0.00	280.
						LO SPEED	6.5	151.	2.00	9.
						IDLE (D)		140.	.91	4.
						IDLE (N)		87.	.68	2.
0238	80	PONT	PHOE	151	1	HI SPEED	10.5	0.	.01	321.
						LO SPEED	6.0	0.	.01	96.
						IDLE (D)		0.	.01	95.
						IDLE (N)		0.	.01	37.
0239	80	CHEV	CITA	171	1	HI SPEED	11.0	7.	0.00	599.
						LO SPEED	6.5	26.	.03	53.
						IDLE (D)		17.	.01	61.
						IDLE (N)		14.	.02	29.
9240	79	FORD	STAW	351	1	HI SPEED	18.0	0.	.01	1003.
						LO SPEED	8.5	1.	0.00	745.
						IDLE (D)		18.	.10	142.
						IDLE (N)		0.	.05	16.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9241	79	VOLV	242G	130	1	HI SPEED	16.0	0.	.01	236.
						LO SPEED	7.5	0.	.01	269.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		0.	0.00	9.
0242	80	PONT	PHOE	151	1	HI SPEED	10.5	1.	.01	555.
						LO SPEED	6.0	0.	.01	1290.
						IDLE (D)		0.	.01	45.
						IDLE (N)		0.	.01	32.
0243	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	501.
						LO SPEED	6.0	0.	.02	395.
						IDLE (D)		0.	.01	104.
						IDLE (N)		0.	.01	58.
0244	80	BUIC	SKYL	151	1	HI SPEED	10.5	0.	.01	238.
						LO SPEED	6.0	0.	.01	99.
						IDLE (D)		0.	.01	68.
						IDLE (N)		0.	.01	40.
9245	79	VOLV	244D	130	1	HI SPEED	16.0	3.	.03	359.
						LO SPEED	7.5	38.	.19	7.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		27.	.20	3.
0246	80	PONT	PHOE	151	1	HI SPEED	10.5	0.	.02	378.
						LO SPEED	6.0	0.	.02	935.
						IDLE (D)		0.	.01	65.
						IDLE (N)		1.	.01	37.
9247	79	FORD	STAW	351	1	HI SPEED	18.0	4.	.01	243.
						LO SPEED	8.5	1.	.01	135.
						IDLE (D)		1.	.01	79.
						IDLE (N)		4.	.03	25.
0248	80	CHEV	CITA	151	1	HI SPEED	10.5	150.	5.51	24.
						LO SPEED	6.0	148.	3.44	27.
						IDLE (D)		12.	.03	9.
						IDLE (N)		5.	.04	78.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9249	79	MAZD	626	120	1	HI SPEED	13.0	27.	.05	669.
						LO SPEED	6.5	25.	.03	315.
						IDLE (D)		8.	.01	122.
						IDLE (N)		4.	0.00	60.
9250	79	VOLV	242D	130	1	HI SPEED	16.0	0.	.03	104.
						LO SPEED	6.5	1.	.05	2.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		0.	0.00	0.
9251	79	FORD	LTD	351	1	HI SPEED	17.0	3.	.01	188.
						LO SPEED	8.5	0.	.01	200.
						IDLE (D)		0.	.04	169.
						IDLE (N)		6.	.03	25.
0252	80	BUIC	SKYL	151	1	HI SPEED	10.5	0.	.01	22.
						LO SPEED	6.0	2.	.15	4.
						IDLE (D)		2.	.01	2.
						IDLE (N)		0.	.01	0.
9253	79	MERC	MARQ	351	1	HI SPEED	17.0	1.	.01	211.
						LO SPEED	8.5	0.	.01	174.
						IDLE (D)		0.	.01	29.
						IDLE (N)		8.	.04	5.
9254	79	MAZD	626	120	1	HI SPEED	13.5	19.	.02	454.
						LO SPEED	6.5	14.	.01	238.
						IDLE (D)		2.	.01	158.
						IDLE (N)		3.	.01	65.
9255	79	FORD	LTD	351	1	HI SPEED	17.0	0.	0.00	112.
						LO SPEED	8.5	4.	.13	237.
						IDLE (D)		4.	.09	43.
						IDLE (N)		5.	.11	43.
9256	79	FORD	LTD	351	1	HI SPEED	17.0	5.	0.00	146.
						LO SPEED	8.5	1.	0.00	117.
						IDLE (D)		17.	.16	91.
						IDLE (N)		44.	.39	22.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC.PPMHEX	CO.PCT	NO.PPM
9257	79	FORD	STAW	351	1	HI SPEED	18.0	0.	.01	296.
						LO SPEED	8.5	0.	.01	166.
						IDLE (D)		1.	.03	123.
						IDLE (N)		0.	.03	34.
0258	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.02	170.
						LO SPEED	6.5	0.	.01	126.
						IDLE (D)		0.	0.00	70.
						IDLE (N)		0.	.01	53.
9259	79	MAZD	626	120	1	HI SPEED	13.0	45.	.23	514.
						LO SPEED	6.5	35.	.12	263.
						IDLE (D)		1.	0.00	56.
						IDLE (N)		2.	.01	4.
0260	80	CHEV	CITA	171	1	HI SPEED	11.0	313.	1.41	5.
						LO SPEED	6.5	286.	.81	3.
						IDLE (D)		679.	.47	3.
						IDLE (N)		889.	.35	2.
9261	79	TOYO	SUPR	156	1	HI SPEED	14.5	1.	.03	5.
						LO SPEED	7.5	0.	.02	1.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		0.	.01	1.
9262	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.03	3.
						LO SPEED	7.5	0.	.04	2.
						IDLE (D)		0.	.01	1.
						IDLE (N)		0.	.04	2.
9263	79	MAZD	GLC	86	1	HI SPEED	12.0	21.	.02	1445.
						LO SPEED	5.0	17.	.02	734.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		4.	0.00	45.
9264	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.06	18.
						LO SPEED	7.5	1.	.10	6.
						IDLE (D)		0.	.02	3.
						IDLE (N)		0.	.03	4.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
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LOS ANGELES

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9265	79	VOLV	STAW	130	1	HI SPEED	17.5	0.	.01	864.
						LO SPEED	7.5	0.	.01	38.
						IDLE (D)		0.	.02	3.
						IDLE (N)		0.	.01	3.
9266	79	MAZD	STAW	86	1	HI SPEED	12.0	39.	.03	1740.
						LO SPEED	5.5	19.	.02	390.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		6.	0.00	42.
9267	79	MAZD	GLC	86	1	HI SPEED	12.0	22.	.01	1823.
						LO SPEED	5.0	9.	.02	434.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		0.	0.00	53.
9268	79	MAZD	GLC	86	1	HI SPEED	12.0	38.	.04	1408.
						LO SPEED	5.0	26.	.05	473.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		8.	.01	36.
9269	79	MAZD	GLC	86	1	HI SPEED	12.0	26.	.02	1172.
						LO SPEED	5.0	9.	.02	232.
						IDLE (D)		26.	.16	12.
						IDLE (N)		0.	.01	0.
9270	79	VOLV	244D	130	1	HI SPEED	16.0	0.	.01	808.
						LO SPEED	7.5	0.	.01	325.
						IDLE (D)		0.	.01	29.
						IDLE (N)		0.	.01	10.
9271	79	FORD	LTD	351	1	HI SPEED	17.0	1.	.01	409.
						LO SPEED	8.5	1.	.01	277.
						IDLE (D)		0.	.02	223.
						IDLE (N)		0.	.01	51.
9272	79	MAZD	GLC	86	1	HI SPEED	12.0	32.	.04	1298.
						LO SPEED	5.0	28.	.05	490.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		2.	.01	48.

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VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0273	80	BUIC	SKYL	151	1	HI SPEED	10.5	3.	.03	524.
						LO SPEED	6.0	1.	.03	784.
						IDLE (D)		0.	0.00	17.
						IDLE (N)		0.	.01	34.
0274	80	PONT	PHOE	151	1	HI SPEED	10.5	0.	.01	267.
						LO SPEED	6.0	0.	.01	1186.
						IDLE (D)		0.	.01	65.
						IDLE (N)		0.	.01	38.
9275	79	SAAB	900T	121	1	HI SPEED	16.0	0.	.02	955.
						LO SPEED	6.5	0.	.02	215.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		0.	.01	30.
9276	79	MAZD	STAW	86	1	HI SPEED	12.0	11.	.06	1299.
						LO SPEED	5.5	8.	.04	500.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		6.	.02	36.
9277	79	MAZD	GLC	86	1	HI SPEED	12.0	29.	.07	1465.
						LO SPEED	5.0	26.	.06	1099.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		12.	.02	46.
0278	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	525.
						LO SPEED	6.0	0.	.01	80.
						IDLE (D)		0.	.01	139.
						IDLE (N)		0.	.01	49.
9279	79	FORD	STAW	351	1	HI SPEED	18.0	1.	.02	367.
						LO SPEED	8.5	1.	.02	275.
						IDLE (D)		1.	.01	723.
						IDLE (N)		5.	0.00	94.
0280	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	191.
						LO SPEED	6.0	0.	.01	1265.
						IDLE (D)		0.	.01	126.
						IDLE (N)		0.	.01	35.

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LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9281	79	MAZD	STAW	86	1	HI SPEED	12.0	34.	.03	1543.
						LO SPEED	5.5	35.	.04	976.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		11.	.01	47.
9282	79	VOLK	STAW	120	1	HI SPEED	19.0	0.	.08	897.
						LO SPEED	8.0	0.	.02	462.
						IDLE (D)		0.	.01	47.
						IDLE (N)		0.	.01	42.
0283	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	595.
						LO SPEED	6.0	0.	.01	803.
						IDLE (D)		0.	.01	60.
						IDLE (N)		0.	0.00	34.
0284	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.02	163.
						LO SPEED	6.0	0.	.01	54.
						IDLE (D)		0.	.01	80.
						IDLE (N)		0.	.01	56.
0285	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	418.
						LO SPEED	6.0	0.	.01	981.
						IDLE (D)		0.	.01	146.
						IDLE (N)		0.	.01	57.
9286	79	FORD	STAW	351	1	HI SPEED	18.0	10.	.01	181.
						LO SPEED	8.5	4.	.01	132.
						IDLE (D)		5.	.03	157.
						IDLE (N)		7.	.03	22.
9287	79	FORD	LTD	351	1	HI SPEED	17.0	1.	.01	350.
						LO SPEED	8.5	0.	.01	96.
						IDLE (D)		1.	.01	379.
						IDLE (N)		4.	.01	92.
9288	79	FORD	LTD	351	1	HI SPEED	17.0	13.	.03	1474.
						LO SPEED	8.5	11.	.04	586.
						IDLE (D)		46.	.15	201.
						IDLE (N)		5.	.10	37.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9289	79	FORD	LTD	351	1	HI SPEED	12.0	7.	.01	435.
						LO SPEED	9.9	8.	.01	272.
						IDLE (D)		13.	.07	227.
						IDLE (N)		17.	.10	44.
9290	79	FORD	LTD	351	1	HI SPEED	17.0	9.	.01	794.
						LO SPEED	8.5	7.	.02	579.
						IDLE (D)		6.	.07	279.
						IDLE (N)		11.	.14	36.
0291	80	BUIC	SKYL	151	1	HI SPEED	10.5	0.	.01	1437.
						LO SPEED	6.0	0.	.01	529.
						IDLE (D)		0.	0.00	95.
						IDLE (N)		0.	0.00	46.
9292	79	MAZD	STAW	86	1	HI SPEED	12.0	42.	.22	1370.
						LO SPEED	5.5	41.	.23	579.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		17.	.05	41.
9293	79	MAZD	626	120	1	HI SPEED	13.0	37.	.06	487.
						LO SPEED	6.5	15.	0.00	116.
						IDLE (D)		5.	0.00	53.
						IDLE (N)		7.	.01	10.
9294	79	MAZD	GLC	86	1	HI SPEED	12.0	61.	.25	1415.
						LO SPEED	5.0	45.	.33	422.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		15.	.01	53.
0295	80	CHEV	CITA	171	1	HI SPEED	11.0	160.	4.62	24.
						LO SPEED	6.5	230.	6.42	14.
						IDLE (D)		173.	4.89	9.
						IDLE (N)		161.	5.20	10.
9296	79	FORD	LTD	351	1	HI SPEED	17.0	8.	.01	589.
						LO SPEED	8.5	1.	0.00	209.
						IDLE (D)		1.	.05	60.
						IDLE (N)		1.	.02	19.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9297	79	FORD	STAW	351	1	HI SPEED	18.0	2.	.01	297.
						LO SPEED	8.5	4.	.01	90.
						IDLE (D)		27.	.06	121.
						IDLE (N)		10.	.04	30.
9298	79	FORD	STAW	351	1	HI SPEED	18.0	1.	0.00	312.
						LO SPEED	8.5	1.	0.00	195.
						IDLE (D)		134.	.75	7.
						IDLE (N)		134.	.44	1.
9299	79	MAZD	GLC	86	1	HI SPEED	12.0	22.	.04	585.
						LO SPEED	5.0	15.	.03	225.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		5.	0.00	31.
9300	79	FORD	LTD	351	1	HI SPEED	17.0	20.	.26	178.
						LO SPEED	8.5	76.	.62	223.
						IDLE (D)		89.	.28	31.
						IDLE (N)		107.	.68	9.
0301	80	BUIC	SKYL	151	1	HI SPEED	10.5	14.	.02	14.
						LO SPEED	6.0	33.	.08	8.
						IDLE (D)		24.	.03	2.
						IDLE (N)		1.	0.00	0.
9302	79	MERC	MARQ	351	1	HI SPEED	17.0	1.	0.00	166.
						LO SPEED	8.5	0.	0.00	109.
						IDLE (D)		0.	0.00	52.
						IDLE (N)		0.	0.00	25.
9303	79	MAZD	STAW	86	1	HI SPEED	12.0	10.	.02	1389.
						LO SPEED	5.5	13.	.02	778.
						IDLE (D)		3.	.01	205.
						IDLE (N)		0.	0.00	79.
0304	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.07	27.
						LO SPEED	6.5	0.	.03	35.
						IDLE (D)		0.	.02	52.
						IDLE (N)		0.	.12	4.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0305	80	CHEV	CITA	171	1	HI SPEED	11.0	1.	.01	153.
						LO SPEED	6.5	1.	0.00	90.
						IDLE (D)		1.	0.00	52.
						IDLE (N)		1.	.01	25.
0306	80	PONT	PHOE	151	1	HI SPEED	10.5	4.	.01	435.
						LO SPEED	6.0	3.	.02	710.
						IDLE (D)		1.	.01	76.
						IDLE (N)		2.	.01	45.
0307	80	CHEV	CITA	171	1	HI SPEED	11.0	1.	.01	49.
						LO SPEED	6.5	0.	.03	41.
						IDLE (D)		0.	0.00	23.
						IDLE (N)		1.	0.00	16.
0308	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.09	22.
						LO SPEED	6.5	0.	.02	78.
						IDLE (D)		0.	0.00	54.
						IDLE (N)		0.	0.00	40.
0309	80	CHEV	CITA	171	1	HI SPEED	11.0	1.	.01	147.
						LO SPEED	6.5	0.	.06	56.
						IDLE (D)		0.	.01	73.
						IDLE (N)		0.	0.00	31.
0310	80	BUIC	SKYL	151	1	HI SPEED	10.5	0.	.02	279.
						LO SPEED	6.0	0.	.01	421.
						IDLE (D)		0.	0.00	23.
						IDLE (N)		0.	0.00	12.
9311	79	FORD	LTD	351	1	HI SPEED	17.0	4.	.01	223.
						LO SPEED	8.5	1.	0.00	88.
						IDLE (D)		1.	.08	266.
						IDLE (N)		2.	.14	59.
9312	79	FORD	LTD	351	1	HI SPEED	17.0	2.	0.00	69.
						LO SPEED	8.5	1.	0.00	35.
						IDLE (D)		0.	0.00	34.
						IDLE (N)		1.	.01	10.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1. TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC.PPMHEX	CO.PCT	NO.PPM
0313	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	0.00	32.
						LO SPEED	6.0	0.	.01	279.
						IDLE (D)		0.	0.00	36.
						IDLE (N)		1.	.01	19.
0314	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	383.
						LO SPEED	6.0	0.	.01	80.
						IDLE (D)		0.	.01	51.
						IDLE (N)		0.	.01	31.
9315	79	FORD	LTD	351	1	HI SPEED	17.0	7.	.01	643.
						LO SPEED	8.5	8.	.01	386.
						IDLE (D)		9.	.01	430.
						IDLE (N)		15.	.01	73.
9316	79	FORD	LTD	351	1	HI SPEED	17.0	2.	0.00	520.
						LO SPEED	8.5	14.	0.00	190.
						IDLE (D)		30.	.03	48.
						IDLE (N)		153.	.36	13.
9317	79	FORD	STAW	351	1	HI SPEED	17.0	1.	.01	223.
						LO SPEED	8.5	0.	.01	78.
						IDLE (D)		0.	.02	286.
						IDLE (N)		0.	.01	35.
0318	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	49.
						LO SPEED	6.5	0.	.01	150.
						IDLE (D)		0.	0.00	140.
						IDLE (N)		0.	.01	130.
0319	80	CHEV	CITA	171	1	HI SPEED	11.0	3.	.25	149.
						LO SPEED	6.5	4.	.25	81.
						IDLE (D)		2.	.13	35.
						IDLE (N)		7.	.33	22.
0320	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	833.
						LO SPEED	6.5	0.	.01	622.
						IDLE (D)		0.	.01	62.
						IDLE (N)		0.	.02	29.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0321	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.04	138.
						LO SPEED	6.5	0.	.03	51.
						IDLE (D)		0.	0.00	168.
						IDLE (N)		0.	.01	35.
0322	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	203.
						LO SPEED	6.5	0.	.02	65.
						IDLE (D)		0.	.01	39.
						IDLE (N)		1.	.02	22.
0323	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	232.
						LO SPEED	6.5	0.	.01	93.
						IDLE (D)		0.	.01	42.
						IDLE (N)		0.	.02	19.
0324	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	45.
						LO SPEED	6.5	0.	.02	220.
						IDLE (D)		0.	.01	159.
						IDLE (N)		0.	.01	44.
0325	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.08	22.
						LO SPEED	6.5	0.	.04	39.
						IDLE (D)		0.	.01	31.
						IDLE (N)		0.	.02	21.
0326	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.02	151.
						LO SPEED	6.5	0.	.01	85.
						IDLE (D)		0.	.01	77.
						IDLE (N)		0.	.01	34.
0327	80	BUIC	SKYL	171	1	HI SPEED	11.0	17.	.05	235.
						LO SPEED	6.5	9.	0.00	590.
						IDLE (D)		14.	.02	23.
						IDLE (N)		13.	.01	35.
0328	80	OLDS	OMEG	171	1	HI SPEED	11.0	0.	.02	60.
						LO SPEED	6.5	0.	.01	73.
						IDLE (D)		0.	.01	76.
						IDLE (N)		2.	.01	38.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1. TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC.PPMHEX	CO.PCT	NO.PPM
9329	79	FORD	LTD	351	1	HI SPEED	17.0	2.	.01	80.
						LO SPEED	8.5	1.	.01	68.
						IDLE (D)		0.	.02	217.
						IDLE (N)		6.	.09	26.
9330	79	FORD	STAW	351	1	HI SPEED	18.0	237.	4.11	147.
						LO SPEED	8.5	375.	6.14	44.
						IDLE (D)		539.	9.29	20.
						IDLE (N)		596.	8.33	29.
9331	79	FORD	STAW	351	1	HI SPEED	18.0	5.	.01	174.
						LO SPEED	8.5	10.	.01	80.
						IDLE (D)		148.	.24	0.
						IDLE (N)		70.	.13	1.
9332	79	FORD	STAW	351	1	HI SPEED	18.0	8.	.01	358.
						LO SPEED	8.5	18.	.01	169.
						IDLE (D)		142.	.23	101.
						IDLE (N)		73.	.05	18.
0333	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.03	192.
						LO SPEED	6.5	0.	.01	57.
						IDLE (D)		0.	.01	82.
						IDLE (N)		0.	.01	42.
0334	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.04	156.
						LO SPEED	6.5	0.	.01	76.
						IDLE (D)		0.	.01	29.
						IDLE (N)		0.	0.00	30.
0335	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.05	3.
						LO SPEED	6.5	0.	.01	74.
						IDLE (D)		0.	.01	9.
						IDLE (N)		0.	.02	12.
0336	80	BUIC	SKYL	151	1	HI SPEED	10.5	0.	.01	197.
						LO SPEED	6.0	0.	.01	58.
						IDLE (D)		0.	.01	182.
						IDLE (N)		0.	.01	35.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9337	79	VOLK	STAW	120	1	HI SPEED	19.0	0.	.01	408.
						LO SPEED	8.0	1.	.01	277.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		1.	.01	49.
9338	79	FORD	LTD	351	1	HI SPEED	17.0	1.	.01	221.
						LO SPEED	8.5	1.	.01	152.
						IDLE (D)		7.	.07	186.
						IDLE (N)		6.	.05	36.
9339	79	FORD	LTD	351	1	HI SPEED	17.0	0.	0.00	112.
						LO SPEED	8.5	1.	0.00	153.
						IDLE (D)		0.	.03	84.
						IDLE (N)		2.	.10	31.
9340	79	TOYO	SUPR	156	1	HI SPEED	14.5	0.	.01	264.
						LO SPEED	7.5	0.	.01	181.
						IDLE (D)		0.	.01	20.
						IDLE (N)		0.	.01	2.
9341	79	FORD	LTD	351	1	HI SPEED	17.0	0.	.02	185.
						LO SPEED	8.5	1.	.03	205.
						IDLE (D)		1.	.04	26.
						IDLE (N)		3.	.01	18.
9342	79	FORD	LTD	351	1	HI SPEED	17.0	5.	.01	265.
						LO SPEED	8.5	6.	.01	121.
						IDLE (D)		61.	.14	14.
						IDLE (N)		68.	.08	10.
0343	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	240.
						LO SPEED	6.0	0.	.01	94.
						IDLE (D)		0.	.01	75.
						IDLE (N)		0.	.01	28.
9344	79	FORD	STAW	351	1	HI SPEED	19.0	103.	2.76	344.
						LO SPEED	8.5	168.	4.26	73.
						IDLE (D)		230.	5.46	45.
						IDLE (N)		288.	4.64	31.

APPENDIX F

LISTING OF FEDERAL THREE MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

NOTE: MINUS ZERO INDICATES DATA NOT COLLECTED (MANUAL TRANS)
SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9345	79	MAZD	626	120	1	HI SPEED	13.5	15.	.01	403.
						LO SPEED	6.5	7.	.01	159.
						IDLE (D)		-0.	-0.00	-0.
						IDLE (N)		2.	0.00	49.
9346	79	FORD	LTD	351	1	HI SPEED	17.0	5.	.04	30.
						LO SPEED	8.5	2.	0.00	36.
						IDLE (D)		6.	.03	76.
						IDLE (N)		2.	0.00	23.
0347	80	CHEV	CITA	171	1	HI SPEED	11.0	0.	.01	148.
						LO SPEED	6.5	0.	.02	132.
						IDLE (D)		0.	.01	93.
						IDLE (N)		0.	.01	50.
9348	79	FORD	LTD	351	1	HI SPEED	17.0	2.	.01	253.
						LO SPEED	8.5	1.	.01	155.
						IDLE (D)		3.	.05	99.
						IDLE (N)		5.	.03	29.
0349	80	CHEV	CITA	151	1	HI SPEED	10.5	0.	.01	438.
						LO SPEED	6.0	0.	.02	1403.
						IDLE (D)		0.	.01	103.
						IDLE (N)		0.	.01	43.
0350	80	CHEV	CITA	171	1	HI SPEED	11.0	16.	.01	217.
						LO SPEED	6.5	13.	.01	143.
						IDLE (D)		17.	.01	83.
						IDLE (N)		20.	.01	43.

APPENDIX G

LISTING OF LOADED TWO MODE TEST RESULTS ON INDIVIDUAL VEHICLES

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
8001	78	VOLV	262C	163	1	30 MPH	9.0	9.	.01	1557.
						IDLE		10.	0.00	64.
8002	78	VOLV	264G	163	1	30 MPH	9.0	11.	.05	217.
						IDLE		5.	0.00	17.
9003	79	CADI	SEVI	350	1	30 MPH	9.0	5.	.03	127.
						IDLE		4.	0.00	30.
8004	78	VOLV	264G	163	1	30 MPH	9.0	36.	.08	12.
						IDLE		92.	1.63	17.
8005	78	VOLV	264G	163	1	30 MPH	9.0	97.	.37	12.
						IDLE		230.	1.68	4.
8006	78	FORD	PINT	140	1	30 MPH	9.0	6.	.01	78.
						IDLE		72.	0.00	15.
9007	79	FORD	PINT	140	1	30 MPH	9.0	9.	0.00	47.
						IDLE		17.	.07	31.
9008	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.01	4.
						IDLE		8.	.06	2.
9009	79	FORD	PINT	140	1	30 MPH	9.0	26.	.01	176.
						IDLE		15.	0.00	24.
9010	79	FORD	PINT	140	1	30 MPH	9.0	6.	0.00	46.
						IDLE		12.	.01	32.
8011	78	FORD	PINT	140	1	30 MPH	9.0	3.	0.00	48.
						IDLE		3.	0.00	32.
8012	78	FORD	PINT	140	1	30 MPH	9.0	7.	.01	82.
						IDLE		3.	0.00	26.
8013	78	VOLV	264G	163	1	30 MPH	9.0	23.	.24	16.
						IDLE		18.	.28	5.

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APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
8014	79	VOLV	244D	130	1	30 MPH	9.0	5.	.05	104.
						IDLE		6.	.04	3.
8015	78	FORD	STAW	140	1	30 MPH	9.0	16.	0.00	121.
						IDLE		34.	0.00	24.
8016	78	FORD	PINT	140	1	30 MPH	9.0	25.	.23	137.
						IDLE		14.	.01	38.
8017	78	FORD	PINT	140	1	30 MPH	9.0	17.	0.00	50.
						IDLE		24.	0.00	19.
8018	78	FORD	PINT	140	1	30 MPH	9.0	31.	.02	241.
						IDLE		36.	.07	32.
8019	78	FORD	PINT	140	1	30 MPH	9.0	14.	.07	54.
						IDLE		62.	.14	8.
8020	78	FORD	PINT	140	1	30 MPH	9.0	20.	.02	141.
						IDLE		86.	.03	32.
8021	78	FORD	STAW	140	1	30 MPH	9.0	11.	.01	260.
						IDLE		23.	.01	24.
8022	78	FORD	PINT	140	1	30 MPH	9.0	36.	.04	96.
						IDLE		106.	.26	23.
8023	78	FORD	PINT	140	1	30 MPH	9.0	27.	.04	167.
						IDLE		44.	.08	26.
8024	78	FORD	PINT	140	1	30 MPH	9.0	34.	.02	210.
						IDLE		24.	0.00	22.
8025	78	FORD	PINT	140	1	30 MPH	9.0	211.	1.27	155.
						IDLE		347.	6.25	23.
8026	78	FORD	STAW	140	1	30 MPH	9.0	6.	.01	230.
						IDLE		23.	0.00	25.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9027	79	VOLV	244D	130	1	30 MPH	9.0	189.	1.17	40.
						IDLE		83.	2.13	18.
8028	78	FORD	PINT	140	1	30 MPH	9.0	38.	.86	367.
						IDLE		5.	0.00	27.
8029	78	FORD	PINT	140	1	30 MPH	9.0	9.	0.00	62.
						IDLE		28.	0.00	19.
9030	79	MAZD	GLC	86	1	30 MPH	9.0	72.	.13	1233.
						IDLE		39.	.01	50.
8031	78	FORD	PINT	140	1	30 MPH	9.0	17.	.01	139.
						IDLE		28.	0.00	28.
8032	78	FORD	PINT	140	1	30 MPH	9.0	14.	.01	137.
						IDLE		4.	0.00	13.
8033	78	VOLV	264G	163	1	30 MPH	9.0	1.	.01	160.
						IDLE		0.	.01	10.
9034	79	MERC	MARQ	351	1	30 MPH	9.0	4.	.01	85.
						IDLE		3.	0.00	24.
8035	78	FORD	STAW	140	1	30 MPH	9.0	7.	.01	121.
						IDLE		14.	0.00	28.
9036	79	MAZD	GLC	86	1	30 MPH	9.0	57.	.17	720.
						IDLE		34.	.02	60.
9037	79	MERC	MARQ	351	1	30 MPH	9.0	6.	.01	134.
						IDLE		15.	0.00	16.
9038	79	MAZD	GLC	86	1	30 MPH	9.0	30.	.01	645.
						IDLE		16.	0.00	76.
8039	78	FORD	PINT	140	1	30 MPH	9.0	23.	.02	114.
						IDLE		132.	.71	18.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9040	79	TOYO	SUPR	156	1	30 MPH	9.0	24.	.04	1.
						IDLE		35.	.03	0.
9041	79	MERC	MARQ	351	1	30 MPH	9.0	6.	.01	63.
						IDLE		4.	0.00	22.
0042	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.02	65.
						IDLE		1.	.01	14.
8043	78	SAAB	99L	121	1	30 MPH	9.0	50.	.36	226.
						IDLE		49.	.14	25.
0044	80	CHEV	CITA	151	1	30 MPH	9.0	5.	.01	195.
						IDLE		3.	.01	26.
8045	78	FORD	PINT	140	1	30 MPH	9.0	0.	0.00	71.
						IDLE		13.	.01	33.
9046	79	CHEV	MONZ	151	1	30 MPH	9.0	2.	0.00	49.
						IDLE		9.	.49	1.
9047	79	MAZD	GLC	86	1	30 MPH	9.0	56.	.18	635.
						IDLE		44.	0.00	58.
8048	78	FORD	PINT	140	1	30 MPH	9.0	4.	.07	34.
						IDLE		67.	.92	17.
9049	79	MAZD	GLC	86	1	30 MPH	9.0	40.	.05	773.
						IDLE		21.	0.00	44.
9050	79	MAZD	STAW	86	1	30 MPH	9.0	19.	.03	890.
						IDLE		6.	.01	63.
9051	79	CHEV	MONZ	151	1	30 MPH	9.0	11.	.05	121.
						IDLE		3.	.06	15.
9052	79	PONT	SUNR	151	1	30 MPH	9.0	10.	.11	8.
						IDLE		7.	.19	3.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9053	79	CHEV	MONZ	151	1	30 MPH	9.0	17.	.04	8.
						IDLE		193.	2.25	4.
8054	78	PONT	SUNB	151	1	30 MPH	9.0	243.	5.05	138.
						IDLE		388.	8.06	40.
8055	78	PONT	SUNB	151	1	30 MPH	9.0	4.	.05	72.
						IDLE		3.	.03	1.
9056	79	MAZD	GLC	86	1	30 MPH	9.0	54.	.10	782.
						IDLE		17.	.02	36.
9057	79	MERC	MARQ	351	1	30 MPH	9.0	179.	2.41	35.
						IDLE		391.	.57	2.
8058	78	PONT	SUNB	151	1	30 MPH	9.0	8.	.11	5.
						IDLE		11.	.22	0.
8059	78	CHEV	MONZ	151	1	30 MPH	9.0	33.	.13	10.
						IDLE		105.	1.30	4.
9060	79	CHEV	MONZ	151	1	30 MPH	9.0	5.	.03	144.
						IDLE		1.	.02	30.
9061	79	PONT	SUNB	151	1	30 MPH	9.0	17.	.01	329.
						IDLE		7.	.01	37.
8062	78	CHEV	MONZ	151	1	30 MPH	9.0	35.	.20	360.
						IDLE		205.	4.91	13.
8063	78	CHEV	MONZ	151	1	30 MPH	9.0	6.	.05	536.
						IDLE		17.	.08	2.
9064	79	MAZD	STAW	86	1	30 MPH	9.0	22.	.02	656.
						IDLE		14.	0.00	39.
8065	78	FORD	PINT	140	1	30 MPH	9.0	49.	.04	233.
						IDLE		30.	.01	27.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9066	79	CHEV	MONZ	151	1	30 MPH	9.0	5.	.01	118.
						IDLE		15.	.14	1.
9067	79	PONT	SUNB	151	1	30 MPH	9.0	3.	.01	130.
						IDLE		0.	.01	21.
9068	79	CHEV	MONZ	151	1	30 MPH	9.0	7.	.02	82.
						IDLE		1.	.01	23.
9069	79	VOLV	264G	163	1	30 MPH	9.0	18.	.14	53.
						IDLE		1.	0.00	0.
9070	79	PONT	SUNB	151	1	30 MPH	9.0	0.	.01	37.
						IDLE		10.	.17	0.
8071	78	CHEV	MONZ	151	1	30 MPH	9.0	246.	4.00	212.
						IDLE		445.	8.22	29.
8072	78	PONT	SUNB	151	1	30 MPH	9.0	222.	5.39	53.
						IDLE		383.	7.14	13.
9073	79	CHEV	MONZ	151	1	30 MPH	9.0	19.	.03	126.
						IDLE		170.	2.54	9.
9074	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.02	0.
						IDLE		0.	.01	0.
9075	79	FORD	LTD	351	1	30 MPH	9.0	17.	.01	1254.
						IDLE		4.	.01	174.
8076	78	FORD	PINT	140	1	30 MPH	9.0	9.	.01	153.
						IDLE		73.	.16	19.
9077	79	CHEV	MONZ	151	1	30 MPH	9.0	153.	1.25	73.
						IDLE		175.	5.26	31.
8078	78	CHEV	MONZ	151	1	30 MPH	9.0	19.	.05	111.
						IDLE		4.	.01	8.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9079	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.02	3.
						IDLE		0.	.01	3.
8080	78	PONT	SUNB	151	1	30 MPH	9.0	19.	.07	11.
						IDLE		13.	.06	1.
9081	79	MAZD	626	120	1	30 MPH	9.0	42.	.02	154.
						IDLE		16.	.01	69.
8082	78	CHEV	STAW	151	1	30 MPH	9.0	10.	.03	93.
						IDLE		4.	.11	8.
9083	79	TOYO	SUPR	156	1	30 MPH	9.0	1.	0.00	139.
						IDLE		0.	0.00	16.
9084	79	MAZD	626	120	1	30 MPH	9.0	13.	.01	96.
						IDLE		4.	.01	57.
9085	79	VOLV	242D	130	1	30 MPH	9.0	10.	.04	20.
						IDLE		3.	.04	3.
9086	79	MAZD	GLC	86	1	30 MPH	9.0	25.	.01	658.
						IDLE		16.	0.00	50.
9087	79	MAZD	626	120	1	30 MPH	9.0	21.	.02	178.
						IDLE		6.	0.00	45.
9088	79	MAZD	626	120	1	30 MPH	9.0	11.	.02	76.
						IDLE		4.	0.00	50.
9089	79	MAZD	626	120	1	30 MPH	9.0	20.	.01	161.
						IDLE		8.	0.00	53.
9090	79	MAZD	626	120	1	30 MPH	9.0	27.	.01	110.
						IDLE		12.	0.00	69.
9091	79	MAZD	626	120	1	30 MPH	9.0	23.	.01	104.
						IDLE		8.	0.00	64.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9092	79	MAZD	GLC	86	1	30 MPH	9.0	25.	.02	732.
						IDLE		16.	.01	60.
9093	79	MAZD	GLC	86	1	30 MPH	9.0	18.	.03	2234.
						IDLE		8.	0.00	94.
9094	79	MAZD	626	120	1	30 MPH	9.0	12.	.01	81.
						IDLE		1.	.01	47.
9095	79	MAZD	GLC	86	1	30 MPH	9.0	32.	.02	526.
						IDLE		11.	0.00	40.
9096	79	MERC	STAW	351	1	30 MPH	9.0	1.	0.00	104.
						IDLE		0.	0.00	13.
9097	79	FORD	LTD	351	1	30 MPH	9.0	2.	.01	64.
						IDLE		2.	0.00	20.
9098	79	MAZD	626	120	1	30 MPH	9.0	15.	.01	127.
						IDLE		7.	.01	52.
9099	79	MERC	MARQ	351	1	30 MPH	9.0	2.	0.00	78.
						IDLE		1.	0.00	36.
9100	79	FORD	LTD	351	1	30 MPH	9.0	2.	.02	136.
						IDLE		184.	.85	5.
9101	79	MERC	MARQ	351	1	30 MPH	9.0	1.	0.00	74.
						IDLE		1.	0.00	25.
9102	79	MERC	MARQ	351	1	30 MPH	9.0	0.	0.00	41.
						IDLE		0.	.01	30.
9103	79	MERC	MARQ	351	1	30 MPH	9.0	1.	0.00	78.
						IDLE		1.	0.00	26.
9104	79	VOLV	264G	163	1	30 MPH	9.0	22.	.16	8.
						IDLE		5.	0.00	0.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9105	79	VOLV	2646	163	1	30 MPH	9.0	0.	.01	208.
						IDLE		0.	0.00	9.
9106	79	MERC	MARQ	351	1	30 MPH	9.0	149.	2.42	186.
						IDLE		15.	.02	16.
9107	79	FORD	LTD	351	1	30 MPH	9.0	7.	0.00	181.
						IDLE		2.	0.00	19.
9108	79	MERC	MARQ	351	1	30 MPH	9.0	3.	0.00	101.
						IDLE		1.	0.00	23.
8109	78	VOLV	2646	163	1	30 MPH	9.0	40.	.24	32.
						IDLE		70.	.15	2.
9110	79	FORD	STAW	351	1	30 MPH	9.0	6.	0.00	89.
						IDLE		6.	.01	69.
9111	79	VOLV	242D	130	1	30 MPH	9.0	6.	.03	1.
						IDLE		4.	.02	2.
9112	79	FORD	LTD	351	1	30 MPH	9.0	3.	0.00	80.
						IDLE		0.	0.00	28.
9113	79	VOLK	CAMP	120	1	30 MPH	9.0	140.	8.04	155.
						IDLE		163.	7.94	43.
9114	79	VOLV	242D	130	1	30 MPH	9.0	0.	.01	2.
						IDLE		20.	.20	0.
9115	79	VOLK	STAW	120	1	30 MPH	9.0	0.	.02	503.
						IDLE		0.	.01	73.
9116	79	VOLK	CAMP	120	1	30 MPH	9.0	1.	.01	86.
						IDLE		1.	.01	54.
9117	79	FORD	LTD	351	1	30 MPH	9.0	7.	.01	106.
						IDLE		3.	0.00	47.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9118	79	VOLV	242D	130	1	30 MPH	9.0	5.	.02	1.
						IDLE		1.	.02	1.
9119	79	MERC	MARQ	351	1	30 MPH	9.0	5.	.01	159.
						IDLE		1.	.01	19.
9120	79	VOLV	244D	130	1	30 MPH	9.0	4.	.02	1.
						IDLE		2.	.01	0.
8121	78	VOLV	242G	130	1	30 MPH	9.0	0.	.03	3.
						IDLE		30.	.14	2.
9122	79	VOLV	264G	163	1	30 MPH	9.0	3.	.02	10.
						IDLE		2.	.01	21.
9123	79	VOLV	244D	130	1	30 MPH	9.0	38.	.22	237.
						IDLE		24.	.10	7.
9124	79	VOLV	264G	163	1	30 MPH	9.0	0.	.01	73.
						IDLE		0.	0.00	12.
9125	79	VOLV	244D	130	1	30 MPH	9.0	3.	.02	1.
						IDLE		0.	0.00	0.
9126	79	VOLV	242G	130	1	30 MPH	9.0	1.	.01	226.
						IDLE		0.	.01	10.
9127	79	MAZD	GLC	86	1	30 MPH	9.0	27.	.06	697.
						IDLE		18.	0.00	35.
9128	79	MAZD	GLC	86	1	30 MPH	9.0	37.	.02	760.
						IDLE		5.	0.00	49.
9129	79	VOLV	244D	130	1	30 MPH	9.0	1.	.03	402.
						IDLE		0.	.01	24.
9130	79	MAZD	626	120	1	30 MPH	9.0	36.	.01	91.
						IDLE		16.	0.00	69.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9131	79	MAZD	GLC	86	1	30 MPH	9.0	28.	.03	1001.
						IDLE		13.	.01	65.
9132	79	MAZD	GLC	86	1	30 MPH	9.0	39.	.08	687.
						IDLE		18.	0.00	52.
9133	79	MAZD	GLC	86	1	30 MPH	9.0	23.	.01	818.
						IDLE		3.	.01	63.
9134	79	MAZD	626	120	1	30 MPH	9.0	52.	.03	118.
						IDLE		12.	0.00	56.
9135	79	MAZD	GLC	86	1	30 MPH	9.0	72.	.21	896.
						IDLE		37.	.01	47.
9136	79	MAZD	GLC	86	1	30 MPH	9.0	55.	.24	702.
						IDLE		34.	.01	47.
9137	79	MAZD	626	120	1	30 MPH	9.0	13.	.01	135.
						IDLE		7.	0.00	47.
9138	79	MAZD	626	120	1	30 MPH	9.0	21.	.01	183.
						IDLE		13.	.01	47.
9139	79	MAZD	626	120	1	30 MPH	9.0	17.	.01	166.
						IDLE		6.	0.00	41.
9140	79	MAZD	GLC	86	1	30 MPH	9.0	85.	.28	796.
						IDLE		66.	.04	46.
9141	79	MAZD	GLC	86	1	30 MPH	9.0	42.	.02	849.
						IDLE		26.	0.00	48.
9142	79	MAZD	GLC	86	1	30 MPH	9.0	34.	.02	572.
						IDLE		38.	.02	34.
9143	79	MAZD	GLC	86	1	30 MPH	9.0	34.	.05	700.
						IDLE		14.	0.00	57.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9144	79	MAZD	GLC	86	1	30 MPH	9.0	22.	.02	778.
						IDLE		11.	.01	56.
8145	78	VOLV	STAW	163	1	30 MPH	9.0	8.	.06	65.
						IDLE		0.	.01	1.
9146	79	VOLV	264G	163	1	30 MPH	9.0	0.	.03	13.
						IDLE		0.	0.00	22.
9147	79	VOLV	264G	163	1	30 MPH	9.0	8.	.04	4.
						IDLE		7.	.02	0.
9148	79	VOLV	242D	130	1	30 MPH	9.0	2.	.02	2.
						IDLE		5.	.04	3.
9149	79	VOLV	244D	130	1	30 MPH	9.0	0.	.02	190.
						IDLE		0.	0.00	18.
9150	79	MAZD	626	120	1	30 MPH	9.0	27.	.02	158.
						IDLE		11.	.01	50.
9151	79	TOYO	SUPR	156	1	30 MPH	9.0	5.	.03	0.
						IDLE		263.	.12	1.
9152	79	TOYO	SUPR	156	1	30 MPH	9.0	10.	.11	0.
						IDLE		13.	.10	0.
9153	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.05	1.
						IDLE		0.	.01	1.
9154	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.02	8.
						IDLE		0.	.01	22.
9155	79	VOLV	244D	130	1	30 MPH	9.0	1.	.03	474.
						IDLE		1.	.01	25.
9156	79	TOYO	SUPR	156	1	30 MPH	9.0	1.	.03	0.
						IDLE		0.	.02	0.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH.	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9157	79	MAZD	626	120	1	30 MPH	9.0	31.	.04	226.
						IDLE		11.	0.00	56.
9158	79	MAZD	626	120	1	30 MPH	9.0	12.	.01	149.
						IDLE		9.	0.00	46.
9159	79	MAZD	GLC	86	1	30 MPH	9.0	33.	.03	827.
						IDLE		14.	.01	56.
9160	79	MAZD	626	120	1	30 MPH	9.0	23.	.02	219.
						IDLE		8.	0.00	50.
9161	79	MAZD	GLC	86	1	30 MPH	9.0	50.	.02	758.
						IDLE		15.	.01	47.
9162	79	MAZD	STAW	86	1	30 MPH	9.0	45.	.05	714.
						IDLE		30.	.01	35.
9163	79	MAZD	GLC	86	1	30 MPH	9.0	75.	.34	915.
						IDLE		55.	0.00	36.
9164	79	MAZD	STAW	86	1	30 MPH	9.0	63.	.16	801.
						IDLE		41.	.06	40.
9165	79	MAZD	GLC	86	1	30 MPH	9.0	48.	.11	693.
						IDLE		17.	.01	53.
9166	79	MAZD	GLC	86	1	30 MPH	9.0	43.	.21	624.
						IDLE		26.	.02	41.
8167	78	SAAB	99GL	121	1	30 MPH	9.0	2.	.02	546.
						IDLE		0.	.01	16.
9168	79	FORD	STAW	351	1	30 MPH	9.0	4.	.01	161.
						IDLE		0.	0.00	16.
9169	79	MAZD	GLC	86	1	30 MPH	9.0	32.	.03	642.
						IDLE		20.	0.00	55.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9170	79	MAZD	GLC	86	1	30 MPH	9.0	20.	.01	672.
						IDLE		10.	.01	41.
9171	79	MAZD	STAW	86	1	30 MPH	9.0	15.	.01	786.
						IDLE		0.	0.00	21.
9172	79	MAZD	GLC	86	1	30 MPH	9.0	77.	.21	788.
						IDLE		56.	.01	47.
9173	79	FORD	LTD	351	1	30 MPH	9.0	0.	.01	39.
						IDLE		0.	0.00	18.
9174	79	MAZD	STAW	86	1	30 MPH	9.0	33.	.05	1077.
						IDLE		14.	.01	31.
9175	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	239.
						IDLE		0.	.01	22.
9176	79	MAZD	STAW	86	1	30 MPH	9.0	42.	.07	929.
						IDLE		20.	0.00	39.
9177	79	AUDI	5000	131	1	30 MPH	9.0	11.	.03	0.
						IDLE		94.	1.50	2.
9178	79	FORD	STAW	351	1	30 MPH	9.0	3.	.04	41.
						IDLE		21.	.01	47.
9179	80	CHEV	CITA	171	1	30 MPH	9.0	7.	.04	111.
						IDLE		8.	.01	31.
9180	80	CHEV	CITA	171	1	30 MPH	9.0	5.	0.00	225.
						IDLE		8.	.01	43.
9181	79	MAZD	GLC	86	1	30 MPH	9.0	24.	.09	692.
						IDLE		7.	.01	73.
9182	80	CHEV	CITA	151	1	30 MPH	9.0	4.	.03	862.
						IDLE		1.	.01	40.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9183	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.01	0.
						IDLE		0.	.01	35.
9184	79	MAZD	GLC	86	1	30 MPH	9.0	25.	.03	923.
						IDLE		9.	.01	67.
0185	80	OLDS	OMEG	171	1	30 MPH	9.0	0.	.01	198.
						IDLE		0.	.02	81.
0186	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.01	101.
						IDLE		0.	.01	40.
0187	80	CHEV	CITA	151	1	30 MPH	9.0	318.	9.56	22.
						IDLE		145.	5.83	13.
9188	79	MERC	STAW	351	1	30 MPH	9.0	1.	0.00	184.
						IDLE		2.	.05	12.
0189	80	BUIC	SKYL	171	1	30 MPH	9.0	0.	.04	2.
						IDLE		0.	.02	13.
0190	80	CHEV	CITA	171	1	30 MPH	9.0	2.	.02	121.
						IDLE		2.	.01	42.
0191	80	BUIC	SKYL	171	1	30 MPH	9.0	1.	.01	192.
						IDLE		0.	.01	34.
0192	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.02	464.
						IDLE		0.	0.00	52.
0193	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	233.
						IDLE		0.	.01	22.
0194	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.01	127.
						IDLE		0.	.01	46.
0195	80	BUIC	SKYL	151	1	30 MPH	9.0	1.	.01	250.
						IDLE		0.	.01	32.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVICUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0196	80	CHEV	CITA	151	1	30 MPH	9.0	2.	.01	166.
						IDLE		1.	.01	29.
0197	80	CHEV	CITA	171	1	30 MPH	9.0	11.	.37	75.
						IDLE		5.	.03	13.
9198	79	AUDI	5000	131	1	30 MPH	9.0	0.	.01	4.
						IDLE		19.	.21	1.
0199	80	CHEV	CITA	171	1	30 MPH	9.0	2.	.01	207.
						IDLE		1.	.02	37.
0200	80	PONT	PHOE	171	1	30 MPH	9.0	4.	.02	200.
						IDLE		1.	.01	24.
0201	80	BUIC	SKYL	151	1	30 MPH	9.0	1.	.04	516.
						IDLE		1.	.01	49.
0202	80	PONT	PHOE	151	1	30 MPH	9.0	1.	.01	164.
						IDLE		0.	.01	41.
0203	80	OLDS	OMEG	151	1	30 MPH	9.0	1.	.01	222.
						IDLE		0.	0.00	45.
0204	80	CLDS	OMEG	151	1	30 MPH	9.0	0.	.01	161.
						IDLE		0.	.01	59.
0205	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.02	0.
						IDLE		0.	.01	0.
0206	80	CHEV	CITA	171	1	30 MPH	9.0	2.	.15	124.
						IDLE		0.	0.00	47.
0207	80	CHEV	CITA	171	1	30 MPH	9.0	0.	0.00	72.
						IDLE		0.	.02	15.
0208	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	130.
						IDLE		0.	0.00	34.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9209	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.01	248.
						IDLE		0.	.03	5.
0210	80	BUIC	SKYL	151	1	30 MPH	9.0	0.	.01	177.
						IDLE		0.	.01	30.
9211	79	TOYO	SUPR	156	1	30 MPH	9.0	70.	.16	3.
						IDLE		264.	.07	0.
9212	79	MAZD	626	120	1	30 MPH	9.0	20.	.01	151.
						IDLE		8.	0.00	56.
0213	80	OLDS	OMEG	151	1	30 MPH	9.0	0.	.01	321.
						IDLE		0.	.01	46.
0214	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	215.
						IDLE		0.	.01	23.
9215	79	FORD	STAW	351	1	30 MPH	9.0	0.	0.00	72.
						IDLE		0.	.04	42.
9216	79	FORD	LTD	351	1	30 MPH	9.0	1.	.01	58.
						IDLE		1.	.02	9.
9217	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.01	190.
						IDLE		0.	.02	1.
0218	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.01	196.
						IDLE		0.	.01	20.
0219	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	20.
						IDLE		0.	0.00	24.
0220	80	PONT	PHOE	171	1	30 MPH	9.0	1.	.19	422.
						IDLE		96.	2.90	5.
0221	80	PONT	PHOE	151	1	30 MPH	9.0	0.	.01	83.
						IDLE		0.	0.00	1.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9222	79	FORD	STAW	351	1	30 MPH	9.0	1.	0.00	69.
						IDLE		0.	0.00	15.
9223	79	AUDI	5000	131	1	30 MPH	9.0	47.	.20	59.
						IDLE		52.	.11	3.
9224	79	TOYO	SUPR	156	1	30 MPH	9.0	11.	.13	2.
						IDLE		77.	.06	0.
9225	79	FORD	LTD	351	1	30 MPH	9.0	2.	.01	133.
						IDLE		0.	.01	16.
9226	79	FORD	LTD	351	1	30 MPH	9.0	1.	.01	164.
						IDLE		1.	.01	82.
0227	80	PONT	PHOE	151	1	30 MPH	9.0	0.	.01	253.
						IDLE		0.	.01	44.
9228	79	MERC	STAW	351	1	30 MPH	9.0	6.	.01	83.
						IDLE		169.	.87	4.
0229	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	347.
						IDLE		0.	.01	37.
9230	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.01	7.
						IDLE		0.	.02	2.
0231	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	159.
						IDLE		0.	.01	30.
0232	80	PONT	PHOE	151	1	30 MPH	9.0	8.	.03	31.
						IDLE		0.	.01	26.
0233	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	192.
						IDLE		0.	.01	63.
9234	79	MERC	MARQ	351	1	30 MPH	9.0	7.	.01	450.
						IDLE		4.	0.00	64.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0235	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.01	335.
						IDLE		0.	.01	43.
9236	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.01	0.
						IDLE		0.	.01	10.
0237	80	CHEV	CITA	171	1	30 MPH	9.0	118.	1.34	86.
						IDLE		4.	.11	3.
0238	80	PONT	PHOE	151	1	30 MPH	9.0	0.	.01	76.
						IDLE		0.	.01	32.
0239	80	CHEV	CITA	171	1	30 MPH	9.0	7.	0.00	312.
						IDLE		1.	0.00	29.
9240	79	FORD	STAW	351	1	30 MPH	9.0	12.	.01	809.
						IDLE		1.	.04	11.
9241	79	VOLV	242G	130	1	30 MPH	9.0	0.	.02	333.
						IDLE		0.	.01	12.
0242	80	PONT	PHOE	151	1	30 MPH	9.0	5.	.01	387.
						IDLE		0.	.01	22.
0243	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	206.
						IDLE		0.	.01	57.
0244	80	BUIC	SKYL	151	1	30 MPH	9.0	0.	.01	139.
						IDLE		0.	.01	42.
9245	79	VOLV	244D	130	1	30 MPH	9.0	8.	.05	5.
						IDLE		33.	.22	1.
0246	80	PONT	PHOE	151	1	30 MPH	9.0	0.	.01	233.
						IDLE		0.	.01	9.
9247	79	FORD	STAW	351	1	30 MPH	9.0	9.	.01	237.
						IDLE		13.	.06	22.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0248	80	CHEV	CITA	151	1	30 MPH	9.0	171.	3.81	8.
						IDLE		24.	.06	68.
9249	79	MAZD	626	120	1	30 MPH	9.0	36.	.05	180.
						IDLE		7.	0.00	57.
9250	79	VOLV	242D	130	1	30 MPH	9.0	12.	.21	1.
						IDLE		44.	.21	0.
9251	79	FORD	LTD	351	1	30 MPH	9.0	2.	0.00	118.
						IDLE		1.	.04	10.
0252	80	BUIC	SKYL	151	1	30 MPH	9.0	0.	.01	4.
						IDLE		0.	.01	1.
9253	79	MERC	MARQ	351	1	30 MPH	9.0	1.	.01	115.
						IDLE		0.	0.00	9.
9254	79	MAZD	626	120	1	30 MPH	9.0	31.	.01	132.
						IDLE		10.	0.00	56.
9255	79	FORD	LTD	351	1	30 MPH	9.0	0.	0.00	83.
						IDLE		1.	.03	30.
9256	79	FORD	LTD	351	1	30 MPH	9.0	6.	.01	58.
						IDLE		9.	.01	17.
9257	79	FORD	STAW	351	1	30 MPH	9.0	2.	.01	158.
						IDLE		0.	.01	24.
0258	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.03	113.
						IDLE		1.	.01	33.
9259	79	MAZD	626	120	1	30 MPH	9.0	53.	.15	281.
						IDLE		6.	0.00	56.
0260	80	CHEV	CITA	171	1	30 MPH	9.0	416.	.96	3.
						IDLE		874.	.44	5.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9261	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.01	5.
						IDLE		0.	.01	0.
9262	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.02	1.
						IDLE		1.	.04	1.
9263	79	MAZD	GLC	86	1	30 MPH	9.0	22.	.02	965.
						IDLE		8.	0.00	46.
9264	79	TOYO	SUPR	156	1	30 MPH	9.0	0.	.04	0.
						IDLE		0.	.02	0.
9265	79	VOLV	STAW	130	1	30 MPH	9.0	0.	.02	284.
						IDLE		0.	.01	4.
9266	79	MAZD	STAW	86	1	30 MPH	9.0	39.	.05	794.
						IDLE		17.	0.00	60.
9267	79	MAZD	GLC	86	1	30 MPH	9.0	18.	.01	908.
						IDLE		7.	.01	51.
9268	79	MAZD	GLC	86	1	30 MPH	9.0	43.	.05	957.
						IDLE		17.	.01	38.
9269	79	MAZD	GLC	86	1	30 MPH	9.0	28.	.03	743.
						IDLE		6.	.07	6.
9270	79	VOLV	244D	130	1	30 MPH	9.0	0.	.03	496.
						IDLE		0.	.01	18.
9271	79	FORD	LTD	351	1	30 MPH	9.0	3.	.01	203.
						IDLE		0.	.01	43.
9272	79	MAZD	GLC	86	1	30 MPH	9.0	35.	.04	833.
						IDLE		5.	.01	45.
0273	80	BUIC	SKYL	151	1	30 MPH	9.0	6.	.07	110.
						IDLE		0.	.01	21.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0274	80	PONT	PHOE	151	1	30 MPH	9.0	0.	.01	187.
						IDLE		0.	.01	34.
9275	79	SAAB	900T	121	1	30 MPH	9.0	1.	.03	562.
						IDLE		1.	.01	35.
9276	79	MAZD	STAW	86	1	30 MPH	9.0	29.	.06	853.
						IDLE		16.	.03	38.
9277	79	MAZD	GLC	86	1	30 MPH	9.0	13.	.07	915.
						IDLE		3.	.02	39.
0278	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	182.
						IDLE		0.	0.00	47.
9279	79	FORD	STAW	351	1	30 MPH	9.0	0.	.02	197.
						IDLE		1.	.01	84.
0280	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	95.
						IDLE		1.	0.00	34.
9281	79	MAZD	STAW	86	1	30 MPH	9.0	31.	.03	866.
						IDLE		11.	.02	49.
9282	79	VOLK	STAW	120	1	30 MPH	9.0	3.	.05	578.
						IDLE		0.	.01	50.
0283	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	220.
						IDLE		0.	0.00	29.
0284	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.02	52.
						IDLE		0.	.01	52.
0285	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	207.
						IDLE		0.	.01	62.
9286	79	FORD	STAW	351	1	30 MPH	9.0	6.	0.00	88.
						IDLE		5.	.04	25.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9287	79	FORD	LTD	351	1	30 MPH	9.0	1.	.01	70.
						IDLE		2.	.01	43.
9288	79	FORD	LTD	351	1	30 MPH	9.0	15.	.04	772.
						IDLE		5.	.05	33.
9289	79	FORD	LTD	351	1	30 MPH	9.0	12.	.01	282.
						IDLE		17.	.12	18.
9290	79	FORD	LTD	351	1	30 MPH	9.0	10.	.02	573.
						IDLE		0.	.02	19.
0291	80	BUIC	SKYL	151	1	30 MPH	9.0	0.	.02	616.
						IDLE		0.	0.00	54.
9292	79	MAZD	STAW	86	1	30 MPH	9.0	40.	.25	921.
						IDLE		14.	.04	49.
9293	79	MAZD	626	120	1	30 MPH	9.0	30.	.01	130.
						IDLE		14.	0.00	51.
9294	79	MAZD	GLC	86	1	30 MPH	9.0	58.	.30	863.
						IDLE		35.	.01	49.
0295	80	CHEV	CITA	171	1	30 MPH	9.0	216.	5.52	14.
						IDLE		184.	6.18	13.
9296	79	FORD	LTD	351	1	30 MPH	9.0	5.	.01	243.
						IDLE		1.	.02	17.
9297	79	FORD	STAW	351	1	30 MPH	9.0	3.	0.00	109.
						IDLE		8.	.05	40.
9298	79	FORD	STAW	351	1	30 MPH	9.0	1.	0.00	156.
						IDLE		0.	.05	0.
9299	79	MAZD	GLC	86	1	30 MPH	9.0	24.	.06	623.
						IDLE		17.	0.00	46.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9300	79	FORD	LTD	351	1	30 MPH	9.0	108.	.82	153.
						IDLE		60.	.24	6.
0301	80	BUIC	SKYL	151	1	30 MPH	9.0	50.	.15	8.
						IDLE		8.	.02	0.
9302	79	MERC	MARQ	351	1	30 MPH	9.0	1.	0.00	128.
						IDLE		0.	.01	22.
9303	79	MAZD	STAW	A6	1	30 MPH	9.0	22.	.02	974.
						IDLE		3.	0.00	80.
0304	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.08	76.
						IDLE		0.	.02	14.
0305	80	CHEV	CITA	171	1	30 MPH	9.0	1.	.09	135.
						IDLE		0.	.01	24.
0306	80	PONT	PHOE	151	1	30 MPH	9.0	2.	.01	219.
						IDLE		1.	.01	51.
0307	80	CHEV	CITA	171	1	30 MPH	9.0	1.	.02	71.
						IDLE		1.	0.00	59.
0308	80	CHEV	CITA	171	1	30 MPH	9.0	1.	.11	81.
						IDLE		0.	0.00	35.
0309	80	CHEV	CITA	171	1	30 MPH	9.0	1.	.04	192.
						IDLE		0.	0.00	26.
0310	80	BUIC	SKYL	151	1	30 MPH	9.0	1.	.01	224.
						IDLE		1.	.01	12.
9311	79	FORD	LTD	351	1	30 MPH	9.0	6.	0.00	84.
						IDLE		0.	.11	51.
9312	79	FORD	LTD	351	1	30 MPH	9.0	2.	0.00	28.
						IDLE		1.	0.00	7.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0313	80	CHEV	CITA	151	1	30 MPH	9.0	0.	0.00	12.
						IDLE		0.	.01	34.
0314	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.01	141.
						IDLE		0.	.01	45.
9315	79	FORD	LTD	351	1	30 MPH	9.0	11.	.01	311.
						IDLE		12.	.01	57.
9316	79	FORD	LTD	351	1	30 MPH	9.0	32.	.01	150.
						IDLE		54.	.01	0.
9317	79	FORD	STAW	351	1	30 MPH	9.0	0.	.01	78.
						IDLE		0.	.01	41.
0318	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.01	191.
						IDLE		0.	.01	44.
0319	80	CHEV	CITA	171	1	30 MPH	9.0	23.	.53	101.
						IDLE		8.	.48	20.
0320	80	CHEV	CITA	171	1	30 MPH	9.0	3.	.13	625.
						IDLE		0.	.01	42.
0321	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.13	110.
						IDLE		0.	.01	52.
0322	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.02	122.
						IDLE		0.	.01	28.
0323	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.02	170.
						IDLE		0.	.01	22.
0324	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.04	168.
						IDLE		0.	.01	45.
0325	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.04	90.
						IDLE		0.	.01	22.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
0326	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.09	93.
						IDLE		0.	.02	19.
0327	80	BUIC	SKYL	171	1	30 MPH	9.0	11.	.01	568.
						IDLE		87.	.85	0.
0328	80	OLDS	OMEG	171	1	30 MPH	9.0	0.	0.00	120.
						IDLE		0.	0.00	36.
9329	79	FORD	LTD	351	1	30 MPH	9.0	1.	0.00	34.
						IDLE		1.	.01	32.
9330	79	FORD	STAW	351	1	30 MPH	9.0	353.	5.36	85.
						IDLE		727.	9.64	21.
9331	79	FORD	STAW	351	1	30 MPH	9.0	8.	.03	246.
						IDLE		52.	.19	2.
9332	79	FORD	STAW	351	1	30 MPH	9.0	20.	.01	170.
						IDLE		42.	.06	10.
0333	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.03	75.
						IDLE		0.	.02	25.
0334	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.02	130.
						IDLE		0.	.01	40.
0335	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.06	63.
						IDLE		0.	0.00	11.
0336	80	BUIC	SKYL	151	1	30 MPH	9.0	0.	.01	153.
						IDLE		0.	0.00	45.
9337	79	VOLK	STAW	120	1	30 MPH	9.0	0.	.01	262.
						IDLE		0.	0.00	52.
9338	79	FORD	LTD	351	1	30 MPH	9.0	5.	.01	164.
						IDLE		7.	.14	22.

APPENDIX G

LISTING OF LOADED TWO-MODE EMISSIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEH	YR	MAKE	MODEL	CID	SN	MODE	RLHP	HC,PPMHEX	CO,PCT	NO,PPM
9339	79	FORD	LTD	351	1	30 MPH	9.0	1.	0.00	76.
						IDLE		0.	.02	25.
9340	79	TOYO	SUPR	156	1	30 MPH	9.0	1.	.01	205.
						IDLE		0.	.01	11.
9341	79	FORD	LTD	351	1	30 MPH	9.0	0.	.01	198.
						IDLE		1.	.02	9.
9342	79	FORD	LTD	351	1	30 MPH	9.0	5.	.01	93.
						IDLE		31.	.06	17.
0343	80	CHEV	CITA	151	1	30 MPH	9.0	0.	.02	150.
						IDLE		0.	.01	34.
9344	79	FORD	STAW	351	1	30 MPH	9.0	160.	3.97	126.
						IDLE		274.	4.54	35.
9345	79	MAZD	626	120	1	30 MPH	9.0	88.	1.53	1.
						IDLE		2.	0.00	47.
9346	79	FORD	LTD	351	1	30 MPH	9.0	7.	.02	28.
						IDLE		6.	.05	14.
0347	80	CHEV	CITA	171	1	30 MPH	9.0	0.	.02	158.
						IDLE		0.	.01	65.
9348	79	FORD	LTD	351	1	30 MPH	9.0	5.	.01	163.
						IDLE		3.	.06	18.
0349	80	CHEV	CITA	151	1	30 MPH	9.0	1.	.01	259.
						IDLE		0.	.01	47.
0350	80	CHEV	CITA	171	1	30 MPH	9.0	18.	.01	209.
						IDLE		17.	.01	50.

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS ON INDIVIDUAL VEHICLES

Legend

Data form included on next page.

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AESi

AUTOMOTIVE ENVIRONMENTAL SYSTEMS, INC.

DRIVEABILITY EVALUATION

Make _____ Model _____

Eng., Trans., Carb. _____

1	2	3	4	6	7	9
2		0	9 4	1	0 4	
	test seq.				Site	Veh. No.

		Yes	No	Number	Quality Code
A.	Constant Speed Phase				
	1. Stalls, pass-outs* upon part throttle acceleration to road speed	1	2(13)	(14)	
	2. Acceleration Quality				(15)
	3. Cruise Quality				(16)
	4. Slight acceleration response (passing)				(17)
	5. Idle quality at stop - w/air "on" (enter "9" if not equipped)				(18)
	w/air "off"				(19)
B.	Acceleration from stop phase				
	6. Quality of acceleration under 1/4 throttle				(20)
	7. Quality of acceleration under 1/2 throttle				(21)
	8. Quality of acceleration under 2/3 throttle				(22)
	9. Quality of acceleration under 3/4 throttle				(23)
C.	Re-start Phase				
	10. Cranking time to start after 10 min.			sec. (24-25)	
	11. Idle quality after re-start				(26)
D.	Cold start & idle phase (Dynamometer)				
	12. Initial cranking time			sec. (27-28)	
	13. Engine die-outs* after start	1	2(29)	(30)	
	14. Engine stalls after gear selection	1	2(31)	(32)	
	15. Hesitation, lag upon slight acceleration	1	2(33)		
	16. Idle quality				(34)
E.	Drive-away Phase (Dynamometer)				
	17. Stalls, pass-outs upon slight acceleration to road speed	1	2(35)	(36)	
	18. Acceleration quality				(37)
	19. Idle quality after 0.2 mile @ stop				(38)
	20. Stalls, pass-outs upon slight acceleration to road speed	1	2(39)	(40)	
	21. Acceleration quality				(41)
	22. Idle quality after 0.4 mile @ stop				(42)

Quality Code

5 = Excellent, 4 = Good, 3 = Fair, 2 = Poor, 1 = Fail

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	CONSTANT SPEED PHASE							ACCEL PHASE			RESTART PHASE			COLD START PHASE (DYNAMOMETER)							DRIVE AWAY PHASE (DYNAMOMETER)							
						1	1A	2	3	4	5	5A	6	7	8	9	10	11	12	13	13A	14	14A	15	16	17	17A	18	19	20	20A	21	22
8001	78	VOLV	262C	163	1	2	0	4	5	5	5	5	5	5	4	4	1	5	3	1	1	2	0	2	5	2	0	4	5	2	0	5	5
8002	78	VOLV	264G	163	1	2	0	4	5	4	4	4	4	5	5	5	1	5	3	2	0	2	0	1	4	2	0	3	4	2	0	5	5
9003	79	CADI	SEVI	350	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
8004	78	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	1	5	5	2	0	2	0	1	5	2	0	5	5	2	0	5	5
8005	78	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	2	5	4	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8006	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	2	5	1	2	0	2	0	1	4	2	0	5	5	2	0	5	5
9007	79	FORD	PINT	140	1	2	0	4	5	5	5	5	5	5	5	5	5	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9008	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9009	79	FORD	PINT	140	1	2	0	4	5	4	5	5	5	4	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9010	79	FORD	PINT	140	1	2	0	4	5	4	5	5	4	4	3	3	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8011	78	FORD	PINT	140	1	2	0	4	5	5	5	5	5	4	4	4	2	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
8012	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8013	78	VOLV	264G	163	1	2	0	4	5	4	5	5	4	4	5	5	1	5	4	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9014	79	VOLV	244D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	4	5	2	0	4	5
8015	78	FORD	STAW	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8016	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8017	78	FORD	PINT	140	1	2	0	4	4	4	4	4	3	4	4	4	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8018	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8019	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	3	1	5	1	2	0	2	0	2	5	2	0	5	5	1	1	5	5
8020	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8021	78	FORD	STAW	140	1	2	0	2	4	2	9	4	2	3	3	3	1	5	2	2	0	2	0	1	5	2	0	3	5	2	0	5	5
8022	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	1	1	5	5	2	0	5	5
8023	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
8024	78	FORD	PINT	140	1	2	0	4	5	5	5	5	5	5	5	5	2	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8025	78	FORD	PINT	140	1	2	0	4	5	4	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	1	1	5	5
8026	78	FORD	STAW	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9027	79	VOLV	244D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8028	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
8029	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9030	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8031	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8032	78	FORD	PINT	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8033	78	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	1	5	2	0	5	5	2	0	5	5
9034	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	4	5
8035	78	FORD	STAW	140	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
9036	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9037	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	2	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9038	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8039	78	FORD	PINT	140	1	2	0	4	4	5	5	3	4	4	4	3	1	4	1	2	0	2	0	2	5	2	0	4	4	2	0	5	4
9040	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	CONSTANT SPEED PHASE							ACCEL PHASE			RESTART PHASE		COLD START PHASE (DYNAMOMETER)							DRIVE AWAY PHASE (DYNAMOMETER)							
						1	1A	2	3	4	5	5A	6	7	8	9	10	11	12	13	13A	14	14A	15	16	17	17A	18	19	20	20A	21	22
9041	79	MERC	MARQ	351	1	1	2	4	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0042	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	6	1	1	1	1	2	5	2	0	5	5	2	0	5	5
8043	78	SAAB	99L	121	1	2	0	5	5	5	9	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0044	80	CHEV	CITA	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8045	78	FORD	PINT	140	1	2	0	4	5	4	5	5	3	4	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9046	79	CHEV	MONZ	151	1	2	0	3	5	4	9	5	3	4	4	4	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9047	79	MAZD	GLC	86	1	2	0	4	5	4	5	5	4	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8048	78	FORD	PINT	140	1	2	0	3	5	4	5	5	2	3	4	4	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9049	79	MAZD	GLC	86	1	2	0	4	5	5	9	5	4	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9050	79	MAZD	STAW	86	1	2	0	5	5	5	5	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9051	79	CHEV	MONZ	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9052	79	PONT	SUNB	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	3	2	0	2	0	1	5	2	0	5	5	2	0	5	5
9053	79	CHEV	MONZ	151	1	2	0	3	5	3	4	5	2	3	3	4	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
8054	78	PONT	SUNB	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8055	78	PONT	SUNB	151	1	2	0	5	5	5	9	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9056	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9057	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8058	78	PONT	SUNB	151	1	2	0	4	5	5	9	5	4	5	5	5	1	5	4	2	0	2	0	1	5	0	1	5	5	2	0	5	5
8059	78	CHEV	MONZ	151	1	2	0	4	5	4	5	5	4	4	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9060	79	CHEV	MONZ	151	1	1	1	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9061	79	PONT	SUNB	151	1	1	1	4	5	5	4	5	4	5	5	5	1	4	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8062	78	CHEV	MONZ	151	1	2	0	4	5	5	9	5	5	5	5	5	1	5	4	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8063	78	CHEV	MONZ	151	1	2	0	4	5	5	5	5	4	4	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9064	79	MAZD	STAW	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8065	78	FORD	PINT	140	1	1	2	3	5	4	9	5	3	4	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	4	5
9066	79	CHEV	MONZ	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9067	79	PONT	SUNB	151	1	2	0	4	5	4	9	5	4	4	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9068	79	CHEV	MONZ	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9069	79	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9070	79	PONT	SUNB	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8071	78	CHEV	MONZ	151	1	2	0	4	5	5	4	4	5	4	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8072	78	PONT	SUNB	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9073	79	CHEV	MONZ	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9074	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9075	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8076	78	FORD	PINT	140	1	2	0	4	4	4	9	4	4	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9077	79	CHEV	MONZ	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8078	78	CHEV	MONZ	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9079	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8080	78	PONT	SUNB	151	1	2	0	4	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	CONSTANT SPEED PHASE							ACCEL PHASE			RESTART PHASE			COLD START PHASE (DYNAMOMETER)							DRIVE AWAY PHASE (DYNAMOMETER)							
						1	1A	2	3	4	5	5A	6	7	8	9	10	11	12	13	13A	14	14A	15	16	17	17A	18	19	20	20A	21	22
9081	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9082	78	CHEV	STAW	151	1	2	0	4	5	4	9	5	5	4	4	4	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9083	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9084	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9085	79	VOLV	242D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	4	5	2	0	4	5
9086	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9087	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9088	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	4	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9089	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9090	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9091	79	MAZD	626	120	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9092	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9093	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9094	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9095	79	MAZD	GLC	86	1	1	2	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9096	79	MERC	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9097	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9098	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9099	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9100	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9101	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9102	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9103	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9104	79	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	2	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9105	79	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9106	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9107	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9108	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9109	78	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	1	5	3	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9110	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9111	79	VOLV	242D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9112	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9113	79	VOLK	CAMP	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9114	79	VOLV	242D	130	1	1	1	4	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9115	79	VOLK	STAW	120	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9116	79	VOLK	CAMP	120	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9117	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	1	5	2	0	4	5	2	0	4	5
9118	79	VOLV	242D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9119	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9120	79	VOLV	244D	130	1	2	0	5	5	5	9	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	CONSTANT SPEED PHASE							ACCEL PHASE			RESTART PHASE			COLD START PHASE (DYNAMOMETER)							DRIVE AWAY PHASE (DYNAMOMETER)							
						1	1A	2	3	4	5	5A	6	7	8	9	10	11	12	13	13A	14	14A	15	16	17	17A	18	19	20	20A	21	22
8121	78	VOLV	242G	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9122	79	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9123	79	VOLV	244D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9124	79	VOLV	264G	163	1	1	1	4	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9125	79	VOLV	244D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9126	79	VOLV	242G	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9127	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9128	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9129	79	VOLV	244D	130	1	2	0	5	5	4	5	5	4	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9130	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9131	79	MAZD	GLC	86	1	1	1	4	5	4	9	5	4	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9132	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	4	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9133	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9134	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9135	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9136	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9137	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9138	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9139	79	MAZD	626	120	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9140	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9141	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9142	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9143	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9144	79	MAZD	GLC	86	1	1	1	4	5	4	5	5	4	4	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8145	78	VOLV	STAW	163	1	2	0	5	5	5	5	5	5	5	5	5	1	5	4	2	0	2	0	1	4	2	0	4	5	2	0	5	5
9146	79	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
9147	79	VOLV	264G	163	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9148	79	VOLV	242D	130	1	2	0	5	5	5	9	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	4	2	0	5	5
9149	79	VOLV	244D	130	1	2	0	5	5	5	9	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9150	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9151	79	TOYO	SUPR	156	1	2	0	5	5	5	4	4	5	5	5	5	1	4	2	2	0	2	0	2	4	2	0	5	4	2	0	5	4
9152	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	1	5	2	0	4	5	2	0	5	5
9153	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9154	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9155	79	VOLV	244D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	4	5	2	0	5	5
9156	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	2	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9157	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9158	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9159	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9160	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	CONSTANT SPEED PHASE						ACCEL PHASE			RESTART PHASE		COLD START PHASE (DYNAMOMETER)							DRIVE AWAY PHASE (DYNAMOMETER)							
						1	1A	2	3	4	5	5A	6	7	8	9	10	11	12	13	13A	14	14A	15	16	17	17A	18	19	20	20A	21	22
9161	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9162	79	MAZD	STAW	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9163	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9164	79	MAZD	STAW	86	1	2	0	5	5	5	5	9	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9165	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9166	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
8167	78	SAAB	99GL	121	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9168	79	FORD	STAW	351	1	1	2	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9169	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9170	79	MAZD	GLC	86	1	2	0	4	5	5	9	5	4	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9171	79	MAZD	STAW	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9172	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9173	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9174	79	MAZD	STAW	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0175	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	1	1	2	5	2	0	5	5	2	0	5	5
9176	79	MAZD	STAW	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9177	79	AUDI	5000	131	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	1	5	2	0	5	5	2	0	5	5
9178	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	1	2	2	3	2	0	5	5	2	0	5	5
0179	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	1	1	1	1	2	5	2	0	5	5	2	0	5	5
0180	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	1	1	2	5	2	0	5	5	2	0	5	5
9181	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0182	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9183	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9184	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0185	80	OLDS	OMEG	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0186	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0187	80	CHEV	CITA	151	1	2	0	5	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9188	79	MERC	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0189	80	BUIC	SKYL	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0190	80	CHEV	CITA	171	1	1	1	5	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0191	80	BUIC	SKYL	171	1	2	0	4	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0192	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0193	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0194	80	CHEV	CITA	171	1	1	2	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0195	80	BUIC	SKYL	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0196	80	CHEV	CITA	151	1	2	0	5	5	5	4	5	4	4	4	4	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0197	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9198	79	AUDI	5000	131	1	2	0	4	5	4	5	5	4	4	5	5	1	5	1	2	0	2	0	1	5	0	5	5	2	0	5	5	-0
0199	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	1	1	2	0	1	5	2	0	5	5	2	0	5	5
0200	80	PONT	PHOT	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	CONSTANT SPEED PHASE						ACCEL PHASE				RESTART PHASE		COLD START PHASE (DYNAMOMETER)							DRIVE AWAY PHASE (DYNAMOMETER)							
						1	1A	2	3	4	5	5A	6	7	8	9	10	11	12	13	13A	14	14A	15	16	17	17A	18	19	20	20A	21	22
0201	80	BUIC	SKYL	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0202	80	PONT	PHOE	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0203	80	OLDS	OMEG	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0204	80	OLDS	OMEG	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0205	80	CHEV	CITA	171	1	1	2	5	5	5	5	5	5	5	5	5	2	5	3	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0206	80	CHEV	CITA	171	1	2	0	4	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0207	80	CHEV	CITA	171	1	1	1	4	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0208	80	CHEV	CITA	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9209	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0210	80	BUIC	SKYL	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9211	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
9212	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0213	80	OLDS	OMEG	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0214	80	CHEV	CITA	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9215	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	2	4	1	2	0	2	0	2	4	2	0	4	4	2	0	4	4
9216	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9217	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0218	80	CHEV	CITA	171	1	2	0	4	5	5	5	5	5	5	5	5	1	5	1	1	1	2	0	2	5	2	0	5	5	2	0	5	5
0219	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	1	1	2	5	2	0	5	5	2	0	5	5
0220	80	PONT	PHOE	171	1	2	0	4	5	5	5	5	4	4	4	4	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0221	80	PONT	PHOE	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9222	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9223	79	AUDI	5000	131	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	4	5	2	0	5	5
9224	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9225	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9226	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0227	80	PONT	PHOE	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9228	79	MERC	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0229	80	CHEV	CITA	151	1	2	0	5	5	5	4	5	5	5	5	5	1	5	1	1	1	2	0	2	5	2	0	5	5	2	0	5	5
9230	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	3	5	4	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0231	80	CHEV	CITA	151	1	2	0	5	5	5	9	5	4	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0232	80	PONT	PHOE	151	1	2	0	4	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0233	80	CHEV	CITA	151	1	2	0	5	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9234	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
0235	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9236	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0237	80	CHEV	CITA	171	1	2	0	4	5	5	5	5	5	5	5	5	1	5	3	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0238	80	PONT	PHOE	151	1	2	0	5	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0239	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	1	1	2	4	2	0	5	5	2	0	5	5
9240	79	FORD	STAW	351	1	2	0	5	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS
ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	CONSTANT SPEED PHASE							ACCEL PHASE			RESTART PHASE			COLD START PHASE (DYNAMOMETER)							DRIVE AWAY PHASE (DYNAMOMETER)							
						1	1A	2	3	4	5	5A	6	7	8	9	10	11	12	13	13A	14	14A	15	16	17	17A	18	19	20	20A	21	22
9241	79	VOLV	242G	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0242	80	PONT	PHOE	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	4	2	0	4	5
0243	80	CHEV	CITA	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0244	80	BUIC	SKYL	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9245	79	VOLV	244D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0246	80	PONT	PHOE	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9247	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0248	80	CHEV	CITA	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9249	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9250	79	VOLV	242D	130	1	2	0	5	5	5	9	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9251	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0252	80	BUIC	SKYL	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9253	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9254	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9255	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9256	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9257	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0258	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9259	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0260	80	CHEV	CITA	171	1	2	0	4	5	4	4	5	4	4	4	4	1	5	1	1	1	1	1	1	5	2	0	5	5	2	0	5	5
9261	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9262	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9263	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9264	79	TOYO	SUPR	156	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
9265	79	VOLV	STAW	130	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9266	79	MAZD	STAW	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9267	79	MAZD	GLC	86	1	2	0	5	5	5	4	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9268	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9269	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9270	79	VOLV	244D	130	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	4	5	2	0	5	5
9271	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9272	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0273	80	BUIC	SKYL	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0274	80	PONT	PHOE	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9275	79	SAAB	900T	121	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9276	79	MAZD	STAW	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9277	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0278	80	CHEV	CITA	151	1	2	0	5	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9279	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0280	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	CONSTANT SPEED PHASE							ACCEL PHASE			RESTART PHASE			COLD START PHASE (DYNAMOMETER)								DRIVE AWAY PHASE (DYNAMOMETER)							
						1	1A	2	3	4	5	5A	6	7	8	9	10	11	12	13	13A	14	14A	15	16	17	17A	18	19	20	20A	21	22
9281	79	MAZD	STAW	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9282	79	VOLK	STAW	120	1	2	0	5	5	5	9	5	5	5	5	5	1	5	2	2	0	2	0	1	5	2	0	4	5	1	1	5	5
0283	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0284	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0285	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9286	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9287	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9288	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9289	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9290	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	1	1	2	0	2	5	2	0	5	5	2	0	5	5
0291	80	BUIC	SKYL	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9292	79	MAZD	STAW	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9293	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9294	79	MAZD	GLC	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0295	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9296	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9297	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9298	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	1	3	2	0	2	5	2	0	5	5	2	0	5	5
9299	79	MAZD	GLC	86	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9300	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0301	80	BUIC	SKYL	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9302	79	MERC	MARQ	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9303	79	MAZD	STAW	86	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0304	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
0305	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0306	80	PONT	PHOE	151	1	2	0	5	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0307	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0308	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0309	80	CHEV	CITA	171	1	1	2	5	5	5	5	5	5	5	5	5	1	5	1	2	0	1	1	1	4	2	0	5	5	2	0	5	5
0310	80	BUIC	SKYL	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9311	79	FORD	LTD	351	1	1	1	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9312	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0313	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0314	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	5	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9315	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	1	2	2	0	2	5	2	0	5	5	2	0	5	5
9316	79	FORD	LTD	351	1	2	0	4	5	4	5	5	5	5	5	5	1	5	1	1	1	2	0	1	4	2	0	5	5	2	0	5	5
9317	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0318	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0319	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0320	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5

APPENDIX H

LISTING OF DRIVEABILITY EVALUATIONS ON INDIVIDUAL VEHICLES

LOS ANGELES

SN=1, TESTED AS RECEIVED

VEHICLE NUMBER	YR	MAKE	MODEL	CID	SN	CONSTANT SPEED PHASE							ACCEL PHASE				RESTART PHASE		COLD START PHASE (DYNAMOMETER)							DRIVE AWAY PHASE (DYNAMOMETER)							
						1	1A	2	3	4	5	5A	6	7	8	9	10	11	12	13	13A	14	14A	15	16	17	17A	18	19	20	20A	21	22
0321	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	1	1	2	0	1	4	1	1	5	5	2	0	5	5
0322	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	4	5	2	0	5	5
0323	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0324	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0325	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	3	2	0	2	0	1	5	2	0	5	5	2	0	5	5
0326	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0327	80	BUIC	SKYL	171	1	2	0	5	5	5	5	5	5	5	5	5	4	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0328	80	OLDS	OMEG	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9329	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	2	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9330	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9331	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9332	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0333	80	CHEV	CITA	171	1	2	0	4	5	4	5	5	5	5	5	4	1	5	1	2	0	1	3	1	3	2	0	5	5	2	0	5	5
0334	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0335	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	2	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0336	80	BUIC	SKYL	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	1	1	2	4	2	0	4	4	2	0	5	5
9337	79	VOLK	STAW	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9338	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9339	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	1	1	2	0	2	5	2	0	5	5	2	0	5	5
9340	79	TOYO	SUPR	156	1	2	0	5	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9341	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9342	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0343	80	CHEV	CITA	151	1	2	0	5	5	5	9	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9344	79	FORD	STAW	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9345	79	MAZD	626	120	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9346	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0347	80	CHEV	CITA	171	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
9348	79	FORD	LTD	351	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	4	2	0	4	5	2	0	5	5
0349	80	CHEV	CITA	151	1	2	0	5	5	5	5	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5
0350	80	CHEV	CITA	171	1	1	2	4	5	5	4	5	5	5	5	5	1	5	1	2	0	2	0	2	5	2	0	5	5	2	0	5	5

APPENDIX I

LISTING OF EMISSION COMPONENT INSPECTION INFORMATION

ON INDIVIDUAL VEHICLES

Legend

Emission Components Inspected

INDUC	-	Induction System
FUEL	-	Fuel Subsystem - Carburetor & Fuel Systems
CHOKE	-	Carburetor & Fuel Systems - Choke Subsystem
IGN	-	Ignition System
EGR	-	EGR System
AIR	-	Air Pump System
PCV	-	PCV System
EXH	-	Exhaust System
EVAP	-	Evaporative Control System
MISC	-	Engine Assembly - Miscellaneous Accessories
3-WAY	-	3 Way Catalyst Systems
MAN HRS	-	Time required to complete inspection

System Evaluation Code

1	-	No Malperformance
2	-	Some Malperformance
3	-	Not Applicable

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APPENDIX I

LISTING OF EMISSION COMPONENT INSPECTION INFORMATION ON INDIVIDUAL VEHICLES

LOS ANGELES

EVALUATION CODE: 1 = NO MALPERFORMANCE, 2 = SOME MALPERFORMANCE, 3 = NOT APPLICABLE

					SYSTEM EVALUATION											MAN
VEH	YR	MAKE	MODL	CID	INDUC	FUEL	CHOKE	IGN	EGR	AIR	PCV	EXH	EVAP	MISC	3-WAY	HRS
8001	78	VOLV	262C	163	1	2	1	1	3	3	1	1	1	1	2	2.5
8002	78	VOLV	264G	163	1	2	1	1	3	3	1	1	1	2	2	1.5
9003	79	CADI	SEVI	350	1	1	1	1	1	3	1	1	1	1	1	1.5
8004	78	VOLV	264G	163	1	2	1	1	3	3	1	1	1	1	2	2.0
8005	78	VOLV	264G	163	1	2	1	1	3	3	1	1	1	2	2	1.5
8006	78	FORD	PINT	140	1	2	1	1	1	1	1	1	1	1	1	1.4
9007	79	FORD	PINT	140	1	1	1	1	1	1	2	1	1	1	1	1.5
9008	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.5
9009	79	FORD	PINT	140	1	1	1	2	1	1	1	1	1	1	1	1.0
9010	79	FORD	PINT	140	1	1	1	1	1	1	1	1	1	1	1	1.2
8011	78	FORD	PINT	140	1	1	1	1	1	1	1	1	1	1	1	1.3
8012	78	FORD	PINT	140	2	1	1	1	1	1	2	1	1	2	1	1.3
8013	78	VOLV	264G	163	2	2	1	1	3	3	1	1	1	1	1	1.3
9014	79	VOLV	244D	130	1	2	1	1	3	3	1	1	1	2	1	1.2
8015	78	FORD	STAW	140	1	2	1	2	1	1	1	1	1	2	1	1.3
8016	78	FORD	PINT	140	1	2	1	2	1	1	1	1	1	1	1	1.0
8017	78	FORD	PINT	140	2	1	1	1	1	1	1	1	1	2	1	1.2
8018	78	FORD	PINT	140	2	2	2	1	1	1	2	1	1	2	1	1.3
8019	78	FORD	PINT	140	1	2	2	1	1	2	1	1	1	2	1	1.0
8020	78	FORD	PINT	140	1	1	1	2	1	1	2	1	1	2	1	1.0
8021	78	FORD	STAW	140	1	1	1	2	1	2	2	1	1	1	1	1.0
8022	78	FORD	PINT	140	1	2	1	2	1	1	2	1	1	2	1	1.2
8023	78	FORD	PINT	140	2	1	1	1	1	2	2	1	1	1	1	1.0
8024	78	FORD	PINT	140	1	2	1	2	1	2	2	1	1	1	2	1.2
8025	78	FORD	PINT	140	2	2	2	1	1	2	2	1	1	1	1	1.3
8026	78	FORD	STAW	140	2	2	2	1	1	1	2	1	1	2	1	1.5
9027	79	VOLV	244D	130	1	1	1	1	3	3	1	1	1	1	2	1.0
8028	78	FORD	PINT	140	2	1	1	2	1	1	1	1	1	1	1	1.0
8029	78	FORD	PINT	140	2	1	1	1	1	1	2	1	1	2	1	.8
9030	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.8
8031	78	FORD	PINT	140	2	1	1	2	1	2	1	1	1	1	1	.9
8032	78	FORD	PINT	140	1	1	1	1	1	1	2	1	1	1	1	.8
8033	78	VOLV	264G	163	1	2	1	1	3	3	1	1	1	1	1	.9
9034	79	MERC	MARQ	351	1	1	1	1	1	1	1	1	1	1	1	1.7
8035	78	FORD	STAW	140	2	1	1	1	1	1	2	1	1	2	1	1.0
9036	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	2	1	1.5
9037	79	MERC	MARQ	351	1	1	1	1	1	1	1	1	1	1	1	2.0
9038	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.0
8039	78	FORD	PINT	140	2	2	1	2	1	1	1	1	1	2	1	1.0
9040	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.5

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APPENDIX I

LISTING OF EMISSION COMPONENT INSPECTION INFORMATION ON INDIVIDUAL VEHICLES

LOS ANGELES

EVALUATION CODE: 1 = NO MALPERFORMANCE, 2 = SOME MALPERFORMANCE, 3 = NOT APPLICABLE

					SYSTEM EVALUATION											MAN
VEH	YR	MAKE	MODL	CID	INDUC	FUEL	CHOKE	IGN	EGR	AIR	PCV	EXH	EVAP	MISC	3-WAY	HRS
9041	79	MERC	MARQ	351	1	1	1	1	1	1	1	1	1	2	1	1.4
0042	80	CHEV	CITA	171	1	1	1	1		1	1	1	1	1	1	1.7
8043	78	SAAB	99L	121	1	2	1	1		3	1	1	2	2	1	1.0
0044	80	CHEV	CITA	151	1	1	1	1	1	3	1	1	1	1	1	1.6
8045	78	FORD	PINT	140	1	1	1	2	1	1	2	1	1	1	1	1.5
9046	79	CHEV	MONZ	151	1	2	1	1	1	3	1	1	2	1	2	1.5
9047	79	MAZD	GLC	86	2	1	1	1	1	1	1	1	1	2	1	1.0
8048	78	FORD	PINT	140	1	2	1	1	1	2	2	2	1	1	1	1.8
9049	79	MAZD	GLC	86	1	2	2	1	1	1	1	1	1	2	1	1.3
9050	79	MAZD	STAW	86	1	2	1	1	1	1	1	1	1	1	1	1.5
9051	79	CHEV	MONZ	151	1	1	1	1	1	3	1	1	1	2	2	1.2
9052	79	PONT	SUNB	151	1	1	2	1	1	3	1	1	1	2	1	1.2
9053	79	CHEV	MONZ	151	1	2	2	1	1	3	1	1	1	2	1	1.2
8054	78	PONT	SUNB	151	1	2	1	1	1	3	1	1	1	1	2	1.5
8055	78	PONT	SUNB	151	1	1	1	2	1	3	1	1	2	1	1	1.2
9056	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.5
9057	79	MERC	MARQ	351	1	2	1	1		1	1	1	1	1	2	2.2
8058	78	PONT	SUNB	151	1	2	1	1		3	1	1	1	2	2	1.2
8059	78	CHEV	MONZ	151	1	2	1	1	1	3	1	1	1	1	2	1.2
9060	79	CHEV	MONZ	151	1	1	2	1	1	3	1	1	1	2	1	1.2
9061	79	PONT	SUNB	151	1	2	1	2	1	3	1	1	1	1	1	1.2
8062	78	CHEV	MONZ	151	2	2	1	1	2	3	1	1	1	2	2	.1
8063	78	CHEV	MONZ	151	1	2	2	1	2	3	1	1	1	1	2	1.4
9064	79	MAZD	STAW	86	1	2	1	1	1	1	1	1	1	1	1	1.0
8065	78	FORD	PINT	140	1	1	1	1	1	2	1	1	1	1	1	1.2
9066	79	CHEV	MONZ	151	1	1	1	1	1	3	1	1	1	1	1	1.2
9067	79	PONT	SUNB	151	1	2	2	1	1	3	1	1	1	1	1	1.2
9068	79	CHEV	MONZ	151	2	1	1	2	1	3	1	1	1	1	1	1.2
9069	79	VOLV	264G	163	1	1	1	1	3	3	1	1	1	1	1	1.2
9070	79	PONT	SUNB	151	1	2	2	1	1	3	1	1	1	2	2	1.3
8071	78	CHEV	MONZ	151	1	2	1	1	1	3	1	1	1	1	2	1.5
8072	78	PONT	SUNB	151	1	2	1	1	1	3	1	2	1	2	2	1.4
9073	79	CHEV	MONZ	151	1	2	1	1	1	3	1	1	1	1	1	1.4
9074	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.4
9075	79	FORD	LTD	351	1	1	1	1	1	2	1	1	1	1	2	1.8
8076	78	FORD	PINT	140	2	1	1	1	1	1	1	1	1	1	1	1.2
9077	79	CHEV	MONZ	151	1	2	2	2	1	3	1	1	1	1	2	1.3
8078	78	CHEV	MONZ	151	1	2	1	1	1	3	1	1	1	1	1	1.2
9079	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.3
8080	78	PONT	SUNB	151	1	2	1	1	1	3	1	1	1	1	2	1.4

APPENDIX I

LISTING OF EMISSION COMPONENT INSPECTION INFORMATION
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LOS ANGELES

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					SYSTEM EVALUATION											MAN
VEH	YR	MAKE	MODL	CID	INDUC	FUEL	CHOKE	IGN	EGR	AIR	PCV	EXH	EVAP	MISC	3-WAY	HRS
9081	79	MAZD	626	120	1	2	2	1	1	1	1	1	1	1	1	1.5
8082	78	CHEV	STAW	151	1	2	1	1	1	3	2	2	1	1	2	1.3
9083	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.4
9084	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	1	1	1.3
9085	79	VOLV	242D	130	1	2	1	2	3	3	1	1	1	1	1	1.3
9086	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.4
9087	79	MAZD	626	120	1	2	2	1	1	1	1	1	1	2	1	1.3
9088	79	MAZD	626	120	1	2	2	1	1	1	1	1	1	2	1	1.3
9089	79	MAZD	626	120	1	1	2	1	1	1	1	1	1	2	1	1.2
9090	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	2	1	1.3
9091	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	2	1	1.3
9092	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.3
9093	79	MAZD	GLC	86	1	2	1	1	2	1	1	1	1	1	1	1.3
9094	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	1	1	1.2
9095	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	2	1	1.3
9096	79	MERC	STAW	351	1	1	1	1	1	1	1	1	1	1	1	1.6
9097	79	FORD	LTD	351	1	1	1	1	1	1	1	1	1	1	1	1.6
9098	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	1	1	1.2
9099	79	MERC	MARQ	351	1	1	2	1	1	1	1	1	1	1	1	1.5
9100	79	FORD	LTD	351	1	1	1	1	1	1	1	1	1	1	2	1.5
9101	79	MERC	MARQ	351	1	2	1	1	1	1	1	1	1	1	2	2.5
9102	79	MERC	MARQ	351	1	1	1	1	2	1	1	1	1	1	1	1.5
9103	79	MERC	MARQ	351	1	1	1	1	1	1	1	1	1	1	1	1.5
9104	79	VOLV	264G	163	1	2	1	1	3	3	1	1	1	1	1	1.3
9105	79	VOLV	264G	163	1	2	1	1	3	3	1	1	1	2	1	1.3
9106	79	MERC	MARQ	351	1	1	1	1	1	1	1	1	1	1	1	1.5
9107	79	FORD	LTD	351	2	1	2	1	1	1	1	1	1	1	1	1.6
9108	79	MERC	MARQ	351	2	1	2	1	1	2	1	1	1	1	2	1.8
8109	78	VOLV	264G	163	1	2	1	1	3	3	1	1	1	2	1	1.2
9110	79	FORD	STAW	351	2	1	1	1	1	2	1	1	1	1	1	1.7
9111	79	VOLV	242D	130	1	1	1	2	3	3	1	1	1	1	1	1.2
9112	79	FORD	LTD	351	1	1	1	1	1	2	1	1	1	1	1	1.5
9113	79	VOLK	CAMP	120	1	2	1	1	3	3	1	1	1	1	1	1.8
9114	79	VOLV	242D	130	1	2	1	1	3	3	1	1	1	1	1	1.2
9115	79	VOLK	STAW	120	1	1	1	1	3	3	1	1	1	1	1	1.5
9116	79	VOLK	CAMP	120	1	2	1	1	3	3	1	1	1	2	1	1.5
9117	79	FORD	LTD	351	1	1	1	2	2	2	1	1	1	1	1	1.5
9118	79	VOLV	242D	130	1	1	1	1	3	3	1	1	1	1	1	1.3
9119	79	MERC	MARQ	351	1	1	1	1	1	1	1	1	1	1	1	1.5
9120	79	VOLV	244D	130	1	2	1	1	3	3	1	1	1	1	1	1.3

APPENDIX I

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					SYSTEM EVALUATION											MAN
VEH	YR	MAKE	MODL	CID	INDUC	FUEL	CHOKE	IGN	EGR	AIR	PCV	EXH	EVAP	MISC	3-WAY	HRS
8121	78	VOLV	242G	130	1	2	1	1	3	3	1	1	1	1	1	1.3
9122	79	VOLV	264G	163	1	2	1	1	3	3	1	1	1	2	1	1.3
9123	79	VOLV	244D	130	1	2	1	1	3	3	1	1	1	1	1	1.4
9124	79	VOLV	264G	163	1	2	1	1	3	3	1	1	1	2	1	1.3
9125	79	VOLV	244D	130	1	2	1	1	3	3	1	1	1	1	1	1.4
9126	79	VOLV	242G	130	1	2	1	1	3	3	1	1	1	1	1	1.3
9127	79	MAZD	GLC	86	2	2	1	2	1	1	1	1	1	2	1	1.4
9128	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	2	1	1.2
9129	79	VOLV	244D	130	1	2	1	2	3	3	1	1	1	1	1	1.3
9130	79	MAZD	626	120	1	1	1	1	1	1	1	1	1	2	1	1.3
9131	79	MAZD	GLC	86	1	2	2	1	1	2	1	1	1	1	1	1.4
9132	79	MAZD	GLC	86	1	2	2	1	1	1	1	1	1	2	1	1.3
9133	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.4
9134	79	MAZD	626	120	1	1	1	1	1	1	1	1	1	2	1	1.3
9135	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	2	1	1.3
9136	79	MAZD	GLC	86	2	2	1	1	1	1	1	1	1	1	1	1.3
9137	79	MAZD	626	120	1	1	1	1	1	1	1	1	1	1	1	1.3
9138	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	2	1	1.4
9139	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	1	1	1.3
9140	79	MAZD	GLC	86	1	2	2	2	1	1	1	1	1	1	1	1.4
9141	79	MAZD	GLC	86	1	2	2	1	1	1	1	1	1	1	1	1.4
9142	79	MAZD	GLC	86	1	2	1	2	1	1	1	1	1	2	1	1.4
9143	79	MAZD	GLC	86	1	2	2	1	1	2	1	1	1	1	1	1.4
9144	79	MAZD	GLC	86	1	2	2	1	1	1	1	1	1	1	1	1.4
8145	78	VOLV	STAW	163	1	2	1	1	3	3	1	1	1	2	1	1.4
9146	79	VOLV	264G	163	1	2	1	1	3	3	1	1	1	1	1	1.4
9147	79	VOLV	264G	163	1	1	1	1	3	3	1	1	1	1	1	1.4
9148	79	VOLV	242D	130	1	2	1	1	3	3	1	1	1	1	1	1.4
9149	79	VOLV	244D	130	1	2	1	1	3	3	1	2	1	1	1	1.4
9150	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	1	1	1.3
9151	79	TOYO	SUPR	156	1	2	1	1	1	3	1	1	1	1	1	1.5
9152	79	TOYO	SUPR	156	1	2	1	1	1	3	1	1	1	1	1	1.4
9153	79	TOYO	SUPR	156	1	2	1	1	1	3	1	1	1	1	1	1.4
9154	79	TOYO	SUPR	156	1	2	1	1	1	3	1	1	1	1	1	1.5
9155	79	VOLV	244D	130	1	2	1	1	3	3	1	1	1	2	1	1.4
9156	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.4
9157	79	MAZD	626	120	1	1	1	1	1	2	1	1	1	2	1	1.4
9158	79	MAZD	626	120	1	1	1	1	1	1	1	1	1	2	1	1.4
9159	79	MAZD	GLC	86	1	2	2	1	1	1	1	1	1	1	1	1.3
9160	79	MAZD	626	120	1	1	1	1	1	1	1	1	1	2	1	1.4

APPENDIX I

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					SYSTEM EVALUATION											MAN
VEH	YR	MAKE	MODL	CID	INDUC	FUEL	CHOKE	IGN	EGR	AIR	PCV	EXH	EVAP	MISC	3-WAY	HRS
9161	79	MAZD	GLC	86	1	2	2	1	1	1	1	1	1	2	1	1.4
9162	79	MAZD	STAW	86	1	2	2	1	1	1	1	1	1	1	1	1.4
9163	79	MAZD	GLC	86	1	2	1	2	1	1	1	1	1	2	1	1.4
9164	79	MAZD	STAW	86	2	2	1	2	1	1	1	1	1	1	1	1.4
9165	79	MAZD	GLC	86	1	2	2	1	1	1	1	1	1	2	1	1.3
9166	79	MAZD	GLC	86	1	2	2	2	1	1	1	1	1	2	1	1.4
8167	78	SAAB	99GL	121	1	1	1	1	3	3	1	1	1	2	1	1.4
9168	79	FORD	STAW	351	1	1	1	1	1	2	1	1	1	1	1	1.8
9169	79	MAZD	GLC	86	1	1	2	1	1	1	1	1	1	1	1	1.3
9170	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.4
9171	79	MAZD	STAW	86	1	2	1	1	1	1	1	1	1	1	1	1.4
9172	79	MAZD	GLC	86	1	2	2	1	1	1	1	1	1	1	1	1.4
9173	79	FORD	LTD	351	1	1	1	1	1	1	1	1	1	1	1	1.6
9174	79	MAZD	STAW	86	1	2	2	1	1	1	1	1	1	1	1	1.5
0175	80	CHEV	CITA	151	1	2	2	1	1	3	1	1	1	1	1	1.7
9176	79	MAZD	STAW	86	1	2	2	2	1	1	1	1	1	2	1	1.4
9177	79	AUDI	5000	131	1	2	1	2	3	3	1	1	1	1	1	1.6
9178	79	FORD	STAW	351	1	1	1	2	1	1	1	1	1	1	2	2.0
0179	80	CHEV	CITA	171	1	2	1	1	1	1	1	1	1	1	1	1.5
0180	80	CHEV	CITA	171	1	2	1	2	1	1	1	1	1	1	1	1.5
9181	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.4
0182	80	CHEV	CITA	151	1	1	2	2	1	3	1	1	1	1	1	1.5
9183	79	TOYO	SUPR	156	1	2	1	1	1	3	1	1	1	1	1	1.5
9184	79	MAZD	GLC	86	1	2	2	1	1	1	1	1	1	1	1	1.4
0185	80	OLDS	OMEG	171	2	1	1	1	1	1	1	1	1	1	2	1.5
0186	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
0187	80	CHEV	CITA	151	2	2	1	1	1	3	1	1	1	2	2	1.5
9188	79	MERC	STAW	351	2	1	1	2	1	1	1	1	1	1	1	1.6
0189	80	BUIC	SKYL	171	1	1	1	1	1	1	1	1	1	1	1	1.5
0190	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
0191	80	BUIC	SKYL	171	1	1	1	1	1	1	1	1	1	1	1	1.5
0192	80	CHEV	CITA	171	1	1	1	1	2	1	1	1	1	1	1	1.5
0193	80	CHEV	CITA	151	1	2	1	1	1	3	1	1	1	1	1	1.5
0194	80	CHEV	CITA	171	1	2	2	1	1	1	1	1	1	1	1	1.5
0195	80	BUIC	SKYL	151	1	2	1	1	1	3	1	1	1	1	1	1.4
0196	80	CHEV	CITA	151	1	2	2	1	1	3	1	1	1	2	1	1.4
0197	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
9198	79	AUDI	5000	131	1	1	1	1	3	3	1	1	1	1	1	2.0
0199	80	CHEV	CITA	171	1	1	2	1	1	1	1	1	1	1	1	1.5
0200	80	PONT	PHOE	171	1	1	1	1	1	3	1	1	1	1	1	1.5

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					SYSTEM EVALUATION											MAN
VEH	YR	MAKE	MODL	CID	INDUC	FUEL	CHOKE	IGN	EGR	AIR	PCV	EXH	EVAP	MISC	3-WAY	HRS
0201	80	BUIC	SKYL	151	1	2	2	1	1	3	1	1	1	1	1	1.5
0202	80	PONT	PHOE	151	1	1	2	1	1	3	1	1	1	1	1	1.5
0203	80	OLDS	OMEG	151	1	1	2	1	1	3	1	1	1	1	1	1.5
0204	80	OLDS	OMEG	151	2	2	2	1	1	3	1	1	1	2	1	1.5
0205	80	CHEV	CITA	171	1	1	1	1	1	3	1	1	1	1	1	1.5
0206	80	CHEV	CITA	171	1	1	1	1	1	3	1	1	1	1	1	1.5
0207	80	CHEV	CITA	171	2	1	1	2	1	3	1	1	1	1	1	1.5
0208	80	CHEV	CITA	151	2	2	1	1	1	3	1	1	1	2	1	1.5
9209	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	2.0
0210	80	BUIC	SKYL	151	1	2	1	1	1	3	1	1	1	1	1	1.5
9211	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	2.0
9212	79	MAZD	626	120	1	2	1	1	1	1	1	1	2	1	1	1.5
0213	80	OLDS	OMEG	151	1	1	1	1	1	3	1	1	1	1	1	1.5
0214	80	CHEV	CITA	151	1	2	1	1	1	3	1	1	1	1	1	1.5
9215	79	FORD	STAW	351	1	2	2	2	2	1	1	1	1	1	1	3.0
9216	79	FORD	LTD	351	1	2	1	2	1	1	1	1	1	1	1	2.0
9217	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	2.0
0218	80	CHEV	CITA	171	1	1	1	2	1	1	1	1	1	1	1	1.5
0219	80	CHEV	CITA	151	1	1	1	1	1	1	1	1	1	1	1	1.5
0220	80	PONT	PHOE	171	2	2	1	2	2	1	1	1	1	1	2	1.5
0221	80	PONT	PHOE	151	1	1	1	1	1	3	1	1	1	1	1	1.5
9222	79	FORD	STAW	351	1	1	1	2	1	1	1	1	1	1	1	1.4
9223	79	AUDI	5000	131	1	2	1	1	3	3	1	1	1	1	1	3.0
9224	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.5
9225	79	FORD	LTD	351	1	2	1	1	2	1	1	1	1	1	1	1.4
9226	79	FORD	LTD	351	1	2	1	1	1	1	1	1	1	1	2	4.0
0227	80	PONT	PHOE	151	1	2	1	1	1	3	1	1	1	1	1	1.5
9228	79	MERC	STAW	351	1	2	1	2	1	1	1	1	1	1	1	1.6
0229	80	CHEV	CITA	151	1	1	1	1	1	1	1	1	1	1	1	1.5
9230	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.5
0231	80	CHEV	CITA	151	1	1	1	1	1	3	1	1	1	1	1	1.5
0232	80	PONT	PHOE	151	1	1	2	1	1	3	1	1	1	1	1	1.5
0233	80	CHEV	CITA	151	2	2	1	1	1	3	2	1	1	1	1	2.0
9234	79	MERC	MARQ	351	1	2	1	2	1	1	1	1	1	1	1	2.0
0235	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
9236	79	TOYO	SUPR	156	1	1	1	1	2	3	1	1	1	1	1	2.0
0237	80	CHEV	CITA	171	2	1	1	2	1	1	1	1	1	1	1	1.5
0238	80	PONT	PHOE	151	2	2	1	1	1	3	1	1	1	1	1	1.5
0239	80	CHEV	CITA	171	2	2	1	1	1	1	1	1	1	1	2	1.5
9240	79	FORD	STAW	351	1	1	1	2	1	1	1	1	1	1	2	2.0

APPENDIX I

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LOS ANGELES

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					SYSTEM EVALUATION											MAN
VEH	YR	MAKE	MODL	CID	INDUC	FUEL	CHOKE	IGN	EGR	AIR	PCV	EXH	EVAP	MISC	3-WAY	HRS
9241	79	VOLV	242G	130	1	1	1	1	3	3	1	1	1	1	1	1.2
0242	80	PONT	PHOE	151	1	1	1	1	1	3	1	1	1	1	1	1.5
0243	80	CHEV	CITA	151	1	2	1	1	1	3	1	1	1	1	1	1.5
0244	80	BUIC	SKYL	151	1	1	2	1	1	3	1	1	1	2	1	1.4
9245	79	VOLV	244D	130	1	2	1	1	3	3	1	1	1	2	1	1.3
0246	80	PONT	PHOE	151	1	1	1	1	1	3	1	1	1	1	1	1.5
9247	79	FORD	STAW	351	1	2	1	2	1	1	1	1	2	1	2	2.0
0248	80	CHEV	CITA	151	1	2	1	1	1	3	1	1	1	1	2	3.0
9249	79	MAZD	626	120	1	1	1	1	1	1	1	1	1	2	1	1.2
9250	79	VOLV	242D	130	1	2	1	1	3	3	1	1	1	1	1	1.3
9251	79	FORD	LTD	351	1	2	2	1	1	1	1	1	1	1	1	2.0
0252	80	BUIC	SKYL	151	1	1	1	2	1	3	1	1	1	1	1	1.5
9253	79	MERC	MARQ	351	1	1	1	2	1	1	1	1	1	1	1	1.4
9254	79	MAZD	626	120	1	1	1	1	1	1	1	1	1	2	1	1.3
9255	79	FORD	LTD	351	2	1	1	1	1	1	1	1	1	1	2	1.6
9256	79	FORD	LTD	351	1	1	1	1	1	2	1	1	1	1	2	1.6
9257	79	FORD	STAW	351	2	1	1	2	2	1	1	1	1	1	1	1.5
0258	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
9259	79	MAZD	626	120	1	1	1	1	1	1	1	1	1	1	1	1.3
0260	80	CHEV	CITA	171	1	1	1	2	1	1	1	1	1	1	1	2.0
9261	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	2.0
9262	79	TOYO	SUPR	156	1	2	1	1	1	3	1	1	1	1	1	1.5
9263	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.0
9264	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.5
9265	79	VOLV	STAW	130	1	2	1	1	3	3	1	1	1	1	1	1.5
9266	79	MAZD	STAW	86	1	2	1	1	1	1	1	1	1	1	1	1.5
9267	79	MAZD	GLC	86	1	2	1	2	1	1	1	1	1	1	1	1.5
9268	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.5
9269	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.5
9270	79	VOLV	244D	130	1	2	1	1	3	3	1	1	1	1	1	2.0
9271	79	FORD	LTD	351	2	1	1	1	1	1	1	1	1	1	1	2.0
9272	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.5
0273	80	BUIC	SKYL	151	1	1	1	1	1	3	1	1	1	1	1	1.5
0274	80	PONT	PHOE	151	2	1	1	1	1	3	1	1	1	1	1	1.5
9275	79	SAAB	900T	121	1	2	1	1	3	3	1	1	1	1	1	2.5
9276	79	MAZD	STAW	86	1	2	1	1	1	1	1	1	1	1	1	1.5
9277	79	MAZD	GLC	86	1	2	1	1	1	1	1	1	1	1	1	1.5
0278	80	CHEV	CITA	151	1	1	1	1	1	3	1	1	1	1	1	1.5
9279	79	FORD	STAW	351	1	2	1	2	1	1	1	1	1	1	1	2.0
0280	80	CHEV	CITA	151	1	2	1	1	1	3	1	1	1	1	1	1.5

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					SYSTEM EVALUATION											MAN
VEH	YR	MAKE	MODL	CID	INDUC	FUEL	CHOKE	IGN	EGR	AIR	PCV	EXH	EVAP	MISC	3-WAY	HRS
9281	79	MAZD	STAW	86	1	2	2	2	1	1	1	1	1	1	1	1.5
9282	79	VOLK	STAW	120	1	2	1	1	3	3	1	1	1	1	1	2.0
0283	80	CHEV	CITA	151	1	2	1	1	1	3	1	1	1	1	1	1.5
0284	80	CHEV	CITA	151	1	2	1	1	1	3	1	1	1	2	1	1.5
0285	80	CHEV	CITA	151	2	1	1	1	1	3	1	1	1	1	1	1.5
9286	79	FORD	STAW	351	1	2	1	2	1	1	1	1	1	1	2	2.0
9287	79	FORD	LTD	351	2	2	2	1	1	1	1	1	1	1	1	1.5
9288	79	FORD	LTD	351	1	2	1	1	1	1	1	1	1	1	2	2.0
9289	79	FORD	LTD	351	1	2	1	1	1	1	2	1	1	1	2	2.0
9290	79	FORD	LTD	351	1	1	1	1	1	1	1	1	1	1	2	2.0
0291	80	BUIC	SKYL	151	1	2	1	1	2	3	1	1	2	1	1	2.0
9292	79	MAZD	STAW	86	1	2	1	2	1	1	1	1	1	1	1	1.5
9293	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	1	1	1.5
9294	79	MAZD	GLC	86	1	2	1	2	1	1	1	1	1	1	1	1.5
0295	80	CHEV	CITA	171	1	2	2	2	2	1	1	1	1	1	1	4.0
9296	79	FORD	LTD	351	1	1	1	1	2	1	1	1	1	1	2	2.0
9297	79	FORD	STAW	351	2	2	1	2	1	1	1	1	1	1	2	2.0
9298	79	FORD	STAW	351	1	1	1	2	1	1	1	1	1	1	2	2.0
9299	79	MAZD	GLC	86	1	2	1	2	1	1	1	1	1	1	1	1.5
9300	79	FORD	LTD	351	1	2	1	1	2	1	1	1	1	1	2	2.0
0301	80	BUIC	SKYL	151	1	1	1	1	1	1	1	1	1	1	1	1.5
9302	79	MERC	MARQ	351	1	1	1	2	1	1	1	1	1	1	1	1.6
9303	79	MAZD	STAW	86	1	2	1	1	1	1	1	1	1	1	1	1.5
0304	80	CHEV	CITA	171	1	2	1	1	1	1	1	1	1	1	1	1.5
0305	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
0306	80	PONT	PHOE	151	1	2	1	1	1	3	1	1	1	1	1	1.5
0307	80	CHEV	CITA	171	1	2	1	1	1	1	1	1	1	1	1	2.0
0308	80	CHEV	CITA	171	1	2	1	1	1	1	1	1	1	1	1	1.5
0309	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
0310	80	BUIC	SKYL	151	1	1	1	2	1	3	1	1	1	1	1	1.5
9311	79	FORD	LTD	351	1	2	2	1	1	1	1	1	2	1	2	1.5
9312	79	FORD	LTD	351	1	2	1	1	1	1	1	1	1	1	1	1.5
0313	80	CHEV	CITA	151	1	2	1	1	1	1	1	1	1	1	1	1.5
0314	80	CHEV	CITA	151	1	1	1	1	1	3	1	1	1	1	1	1.5
9315	79	FORD	LTD	351	1	1	1	1	1	1	1	1	1	1	2	1.5
9316	79	FORD	LTD	351	1	1	1	1	1	1	1	1	1	1	2	2.0
9317	79	FORD	STAW	351	1	2	1	2	1	1	1	1	1	1	1	1.5
0318	80	CHEV	CITA	171	1	2	1	1	1	1	1	1	1	1	1	1.5
0319	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
0320	80	CHEV	CITA	171	1	1	1	1	2	1	1	1	1	1	1	1.5

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VEH	YR	MAKE	MODL	CID	SYSTEM EVALUATION											MAN HRS
					INDUC	FUEL	CHOKE	IGN	EGR	AIR	PCV	EXH	EVAP	MISC	3-WAY	
0321	80	CHEV	CITA	171	1	2	1	1	1	1	1	1	1	1	1	1.5
0322	80	CHEV	CITA	171	1	1	1	2	1	1	1	1	1	1	1	1.5
0323	80	CHEV	CITA	171	1	2	1	1	1	1	1	1	1	1	1	1.5
0324	80	CHEV	CITA	171	1	2	1	1	1	1	1	1	1	1	1	1.5
0325	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
0326	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	2	1	1	1.5
0327	80	BUIC	SKYL	171	1	2	1	1	2	1	1	1	1	1	1	1.5
0328	80	OLDS	OMEG	171	1	1	1	1	1	1	1	1	1	1	1	1.5
9329	79	FORD	LTD	351	1	2	1	1	1	1	1	1	1	1	1	1.5
9330	79	FORD	STAW	351	1	1	1	2	1	1	1	1	1	1	2	2.0
9331	79	FORD	STAW	351	1	1	1	2	1	1	1	1	1	1	1	2.0
9332	79	FORD	STAW	351	1	1	1	2	1	1	1	1	1	1	1	1.5
0333	80	CHEV	CITA	171	1	2	1	1	1	1	1	1	1	1	1	1.5
0334	80	CHEV	CITA	171	1	1	1	1	1	1	2	1	1	1	1	1.5
0335	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5
0336	80	BUIC	SKYL	151	1	2	1	1	1	1	1	1	1	1	1	1.5
9337	79	VOLK	STAW	120	1	2	1	1	3	3	1	1	1	1	1	2.0
9338	79	FORD	LTD	351	1	1	1	1	1	1	1	1	1	1	1	1.5
9339	79	FORD	LTD	351	1	2	1	1	1	1	1	1	1	1	1	1.0
9340	79	TOYO	SUPR	156	1	1	1	1	1	3	1	1	1	1	1	1.5
9341	79	FORD	LTD	351	2	1	1	2	1	1	1	1	1	1	2	1.5
9342	79	FORD	LTD	351	1	2	1	1	1	1	1	1	1	1	1	1.5
0343	80	CHEV	CITA	151	1	1	1	1	1	3	1	1	1	1	1	1.5
9344	79	FORD	STAW	351	2	2	1	1	1	1	1	1	1	1	2	1.9
9345	79	MAZD	626	120	1	2	1	1	1	1	1	1	1	1	1	1.5
9346	79	FORD	LTD	351	1	2	1	1	1	1	1	1	1	1	1	1.5
0347	80	CHEV	CITA	171	1	1	2	1	1	1	1	1	1	1	1	1.0
9348	79	FORD	LTD	351	1	1	1	1	1	1	1	1	1	1	2	1.5
0349	80	CHEV	CITA	151	1	2	1	1	1	3	1	1	1	1	1	1.5
0350	80	CHEV	CITA	171	1	1	1	1	1	1	1	1	1	1	1	1.5